



ecology and environment, inc.

International Specialists in the Environment

ANALYTICAL SERVICES CENTER

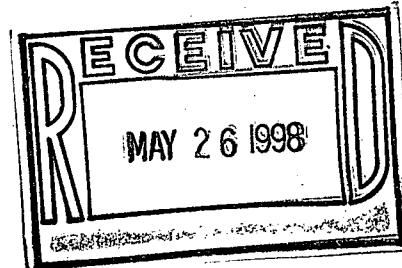
4493 Walden Avenue

Lancaster, New York 14086

Tel. (716) 685-8080, Fax: (716) 685-0852

May 22, 1998

Ms. Smita Sumbaly
 START Analytical Coordinator
 Roy F. Weston, Inc.
 USEPA Region II START
 1090 King Georges Post Road
 Suite 201
 Edison, New Jersey 08837-3703



RE: 9800.898

Dear Ms. Sumbaly:

Attached is the laboratory report of the analyses conducted on samples received at the Analytical Services Center on May 5, 1998. Analyses were performed according to procedures set forth in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" SW-846, Third Edition, Update III, June 1997, USEPA.

Under separate cover, you will be receiving an invoice for job 9800.898.

The chain of custody form provided herein is integral to this report and must be included with the analytical results forms upon transferral to another data user.

The accuracy of all analyses depends upon the representative nature of the sample and the reliability of collection procedures as well as the accuracy of the laboratory analysis of the sample as submitted. Ecology and Environment, Inc.'s activity and representations with respect to these samples are limited solely to the laboratory analysis of the samples presented to us.

The samples on which this report is based will be retained by E & E for a period of 30 days from the date of this report, unless otherwise instructed by the client. If additional storage of the sample is requested by the client, a storage fee of \$1.00 per sample container per month will be charged for each sample, with such charges accruing until destruction of the sample is authorized by the client.

Very truly yours,

Caryn Wojtowicz

Caryn Wojtowicz - Project Manager
 Analytical Services Center

CW/bk

Enclosure

recycled paper



ecology and environment, inc.

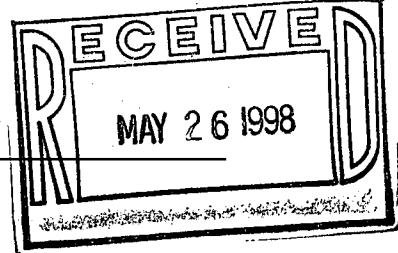
International Specialists in the Environment

ANALYTICAL SERVICES CENTER

4493 Walden Avenue

Lancaster, New York 14086

Tel. (716) 685-8080, Fax: (716) 685-0852



May 22, 1998

LAB NAME: Ecology & Environment Inc.

PROJECT NUMBER: RFP #2535

SDG NARRATIVE:

Sample results are reported in the CLP format using CLP qualifiers.

PCB concentrations have been quantitated on both the RTX-5 and RTX-35 columns with both values reported on Form 10B. The lower of the two values is reported on Form 1D. The Aroclor patterns are greatly weathered and degraded resulting in the high %D value between concentrations on the two columns. There also appears to be some chlorinated biphenyls (but not PCB congeners) in many of the samples which distorts the patterns and the quantitation.

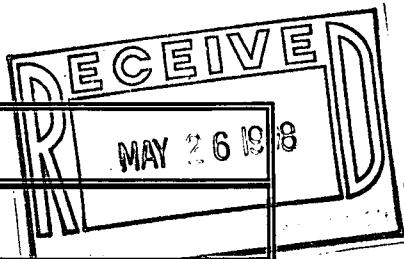
The software problem used to generate the final report rounds the calibration factor to three significant figures in the final calculations.

All samples except A1-009, A1-010, A1-011, A1-015 and A1-016 required analysis at secondary dilutions due to the concentrations of PCBs present.

The surrogate compounds were diluted out of sample A1-002. Recovery of the surrogate decachlorobiphenyl was high for sample A1-004 and the matrix spike duplicate of sample A1-007B on both columns. Decachlorobiphenyl recovery was also high on the RTX-35 column for sample A1-007. Recovery of the surrogate tetrachloro-m-xylene was within acceptable limits for all samples.

A1-007C
I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Caryn Wojtowicz
Caryn Wojtowicz - Project Manager
Analytical Services Center
May 22, 1998



DEFINED QUALIFIERS FOR ORGANIC ANALYSIS

| QUALIFIER | DEFINITION |
|-----------|--|
| U | Indicates that the compound was analyzed for but not detected. The sample quantitation limit is corrected for dilution and for percent moisture. |
| J | Indicates an estimated value. This flag is used when reporting a concentration for tentatively identified compounds, or when the mass spectral data indicate the presence of a compound but the result is less than the sample quantitation limit. |
| C | Applies to pesticide results where the identification has been confirmed by GC/MS. |
| B | Is used when the analyte is found in the associated blank as well as in the sample. |
| E | Identifies compounds whose concentrations exceed the calibration range of the instrument. The result should be considered an estimate of the concentration. |
| D | Identifies all compounds identified in an analysis of a diluted sample. |
| A | Indicates that a TIC is a suspected aldol-condensation product. |
| P | Is used for a pesticide/Aroclor target compound when there is greater than 25% difference for detected concentrations between the primary and confirmatory GC columns. The quantitation should be considered an estimate. |
| N | Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. |

REF No.:

2535

PO No.:

92116

CHAIN OF CUSTODY RECORD



SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

1 of 5

Matrix Box No.:

Preservative Box No.:

1. Surface Water
 2. Ground Water
 3. Leachate
 4. Rinseate
 5. Soil/Sediment
 6. Oil
 7. Waste
 8. Other (Specify)
- N. Not Preserved
* See Comments

Send verbal and written results to:

Roy F. Weston, Inc., USEPA Region II START

Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703

Attention: Smita Sumbaly, START Analytical Coordinator

| Sample Number | Sample Collection MM/DD/YY/Time | Sample Matrix (Outer box #) | Conc. Low-L Med-M High-H | Sample Type Comp-C Grab-G | Sample Preserv. (Outer box #) | RAS ANALYSIS | | | RCRA ANALYSIS | | | OTHER |
|---------------|------------------------------------|--------------------------------------|-----------------------------------|------------------------------------|--|--------------|-----|-----------|---------------|-----|-----|-------|
| | | | | | | VOA | BNA | PEST/PCBs | TAI/CN | KEN | COR | |
| AI-0071 | 3/4/98 1105 | 5 | L | G | 6 | | | | X | | | |
| AI-0072 | 1113 | | | | | | | | X | | | |
| AI-0073 | 1115 | | | | | | | | X | | | |
| AI-0074 | 1125 | | | | | | | | X | | | |
| AI-0075 | 1135 | | | | | | | | X | | | |
| AI-0076 | 1142 | | | | | | | | X | | | |
| AI-0077 | 1155 | | | | | | | | X | | | |
| AI-0078 | 1547 | | | | | | | | X | | | |
| AI-0079 | 1545 | | | | | | | | X | | | |
| AI-0080 | 1545 | | | | | | | | X | | | |
| AI-0081 | 1202 | | ↓ | ↓ | ↓ | ↓ | ↓ | | X | | | |

Comments:

5 pt. calibration using Al/Alcelor 1254 STD.

MS/MSD @ AI-0073

Person Assuming Responsibility for Sample:

Tom O'Neil

Time (MM/DD/YY)
1800 5/4/98

| Sample Number | Relinquished By: | Time | Date | Received By: | Reason for Change of Custody |
|---------------|------------------|------|--------|--------------|------------------------------|
| AI | Thomas O'Neil | 1800 | 5/4/98 | | |
| Sample Number | Relinquished By: | Time | Date | Received By: | Reason for Change of Custody |
| | | | | | |
| Sample Number | Relinquished By: | Time | Date | Received By: | Reason for Change of Custody |
| | | | | | |

Roy F. Weston, Inc.

FEDERAL PROGRAMS DIVISION

In Association with Resource Applications, Inc., R.E. Sartori Associates, PRC Environmental Management, G.C. Johnson & Associates, P.C. and GPD Environmental

REP No.:

CHAIN OF CUSTODY RECORD

2535

ED Notes

92/16

WESTON.

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019

2 of 5

Send verbal and written results to:

Roy F. Weston, Inc., USEPA Region II START

Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703

Attention: Smita Sumbaly, START Analytical Coordinator

| Matrix Box No.. | Preservative Box No.. |
|--------------------|-----------------------|
| 1. Surface Water | 1. HCl |
| 2. Ground Water | 2. HNO3 |
| 3. Leachate | 3. Na2SO4 |
| 4. Rinseate | 4. H2SO4 |
| 5. Soil/Sediment | 5. Other (Specify) |
| 6. Oil | 6. Ice Only |
| 7. Waste | N. Not Preserved |
| 8. Other (Specify) | * See Comments |

| Send verbal and written results to: | | Roy F. Weston, Inc., USEPA Region II START Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703 Attention: Smita Sumbaly, START Analytical Coordinator | | | | | | | 8. Other (Specify) | • See Comments | | | | |
|-------------------------------------|------------------------------------|---|---------------------------|--------|----------|--------------|-----|------|--------------------|----------------|----|-----|-------|--|
| Sample Number | Sample Collection MM/DD/YY/Time | Sample | Conc. | Sample | Sample | BAS ANALYSIS | | | | RCRA ANALYSIS | | | OTHER | |
| | | Matrix | Low-L (Water box #) | Type | Preserv. | VOA | BNA | PEST | PCBs | TAL | CN | KEN | COR | |
| A1-009 | 5/1/98 1209 | 5 | L | G | 6 | | | | | X | | | | |
| A1-010 | | 1209 | | | | | | | | X | | | | |
| A1-011 | | 1230 | | | | | | | | X | | | | |
| A1-012 | | 1235 | | | | | | | | X | | | | |
| A1-013 | | 1245 | | | | | | | | X | | | | |
| A1-014 | | 1245 | | | | | | | | X | | | | |
| A1-015 | | 1232 | | | | | | | | X | | | | |
| A1-016 | | 1400 | | | | | | | | X | | | | |
| A1-017 | | 1400 | | | | | | | | X | | | | |
| A1-018 | | 1405 | | | | | | | | X | | | | |
| A1-019 | ↓ | 1410 | ↓ | ↓ | ↓ | ↓ | | | | X | | | | |

Comments:

5 pt calibration using ATACOLOR 054 SII

Person Assuming Responsibility for Sample:

Tom O'Neil

Time

Date (MM/DD/YY)
5/4/98

| | | | | | |
|---------------|------------------|------|--------|--------------|------------------------------|
| Sample Number | Relinquished By: | Time | Date | Received By: | Reason for Change of Custody |
| A1 | Thomas Dell | 1800 | 5/1/98 | | |

| Sample Number | Relinquished By: | Time | Date | Received By: | Reason for Change of Custody |
|---------------|------------------|------|------|--------------|------------------------------|
|---------------|------------------|------|------|--------------|------------------------------|

| Sample Number | Relinquished By: | Time | Date | Received By: | Reason for Change of Custody |
|---------------|------------------|-------|--------|--------------------|------------------------------|
| | Felix | 10:15 | 5-5-88 | <i>[Signature]</i> | Received at ASC |

Roy F. Weston, Inc.

FEDERAL PROGRAMS DIVISION

In Association with Resource Applications, Inc., R.E. Sarrica Associates, PRC Environmental Management, C.C. Johnson & McElroy, P.C., and GPR Engineers, Inc.

Ecology and Environment, Inc. Analytical Services Center
Cooler Receipt Form

PACKAGE RECEIPT #: 643 NUMBER OF COOLERS: 2 DATE RECEIVED: 5-5-98
E & E PROJECT #: _____ PROJECT OR SITE NAME: Ray F. Weston

A. Preliminary Examination Phase

1. Did coolers come with airbill or packing slip? Freelok CIRCLE ONE
YES NO NA

Enter carrier here and print airbill # below: Freelok

2. Did cooler(s) have custody seals? _____ YES NO NA

If YES, how many and where? _____

3. Were custody seals unbroken and intact on receipt? _____ YES NO* NA

4. Were custody seals dated and signed? _____ YES NO NA

If YES, enter date: _____ Name: J. Hendrick

5. Sign here to acknowledge receipt of cooler(s): J. Hendrick C-O-C numbers: _____

Date cooler(s) opened: 5-5-98 C-O-C numbers: _____

Cooler(s) opened by (print): J. Hendrick Signature: J. Hendrick

6. Were the C-O-C forms received? YES NO* NA

7. Was the project identifiable from the C-O-C form? YES NO* NA

If YES, enter the project number and name in the heading above.

Please record Temperature Blank or Cooler Temperature for Each Cooler, Range (2 - 5°C)*

| AIRBILL # | TEMP. °C | AIRBILL # | TEMP. °C | AIRBILL # | TEMP. °C |
|-------------------|-----------|-----------|----------|-----------|----------|
| <u>4811728772</u> | <u>30</u> | | | | |
| <u>Cooler #2</u> | <u>35</u> | | | | |

Thermometer # 60 Correction factor 0

B. Unpacking Phase

8. Was enough packing material used in cooler(s)? plastic YES NO NA

Type of material: Vermiculite Bubble Wrap Other

9. If required, was enough ice used? YES NO NA

If YES, type of ice used: S Wet Dry Blue Other

10. Was a temperature blank included inside cooler(s)? YES NO NA

If YES, indicate temperature blank temperature in table above. If NO, indicate cooler temperature in table above.

11. Were all containers sealed in separate plastic bags? YES NO NA

12. Did all containers arrive unbroken and in good condition? YES NO* NA

C. Login Phase

Samples Logged in By (print): J. Hendrick Signature: J. Hendrick Date: 5-5-98

13. Were all container labels complete (e.g. date, time preserv)? YES NO* NA

14. Were all C-O-C forms filled out properly in ink and signed? YES NO* NA

15. Did the C-O-C form agree with containers received? YES NO* NA

16. Were the correct containers used for the tests requested? YES NO* NA

17. Were the correct preservatives listed on the sample labels? YES NO* NA

18. Was a sufficient sample volume sent for the tests requested? YES NO* NA

19. Were all volatile samples received without head space? YES NO* NA

* If No or Temperature Outside of Acceptable Range, a Corrective Action Form Must Be Filed.

TEST CODE :STS 1

JOB NUMBER :9800.898

ELAP ID : 10486

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : ROY F. WESTON
TEST NAME : SOLIDS TOTAL UNITS : %
PARAMETER : Solids-Total

| SAMPLE ID | RESULTS | Q |
|-------------|---------|---|
| EE-98-06041 | | - |
| A1-001 | 77 | |
| EE-98-06042 | | - |
| A1-002 | 79 | |
| EE-98-06043 | | - |
| A1-003 | 78 | |
| EE-98-06044 | | - |
| A1-004 | 76 | |
| EE-98-06045 | | - |
| A1-005 | 70 | |
| EE-98-06046 | | - |
| A1-006 | 79 | |
| EE-98-06047 | | - |
| A1-007 | 76 | |
| EE-98-06048 | | - |
| A1-007A | 79 | |
| EE-98-06049 | | - |
| A1-007B | 77 | |
| EE-98-06050 | | - |
| A1-007C | 78 | |
| EE-98-06051 | | - |
| A1-008 | 77 | |
| EE-98-06052 | | - |
| A1-009 | 83 | |
| EE-98-06053 | | - |
| A1-010 | 81 | |

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE

TEST CODE :STS 1

JOB NUMBER :9800.898

ELAP ID : 10486

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : ROY F. WESTON
TEST NAME : SOLIDS TOTAL
PARAMETER : Solids-Total

UNITS : %

| SAMPLE ID | RESULTS | Q |
|-------------|---------|---|
| EE-98-06054 | | - |
| A1-011 | 69 | |
| EE-98-06055 | | - |
| A1-012 | 72 | |
| EE-98-06056 | | - |
| A1-013 | 63 | |
| EE-98-06057 | | - |
| A1-014 | 67 | |
| EE-98-06058 | | - |
| A1-015 | 73 | |
| EE-98-06059 | | - |
| A1-016 | 83 | |
| EE-98-06060 | | - |
| A1-017 | 70 | |

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE

QUALITY CONTROL FOR PRECISION
RESULTS OF ANALYSIS OF DUPLICATE
ANALYSES OF SOLID SAMPLES

9800.898

(%)

| Parameter | E & E Laboratory No. 98- | Sample Result | Duplicate Result | Relative Percent Difference (RPD) |
|--------------|--------------------------------|------------------|---------------------|--|
| Solids-Total | 6060 | 70.5 | 71.2 | 1.0 |

THIS RPD IS WITHIN E & E, INC. QC TARGETS.

| | | | |
|----------------------|----------------|------------------------------|----------------------------|
| From Page No. | 70 Slids | 980512198.R | Method GAC-14 |
| Test Performed: | | | Instrument METTLER 1PM 300 |
| Date Analyzed: | 6-12-98 | | Stock NA |
| Work Performed by: | PAUL BEAUCHAMP | IN: 5-12-98 13:30 @ 103°C PB | Prepared NA Book Page NA |
| Secure Storage Area: | | OUT: 5-13-98 0715 @ 105°C PB | Stand. NA Book Page NA |
| Job ID Number | Received from | | Close Date NA Expires NA |
| | | | Other: NA |
| | | | Comments: 004000 |

From Page No.

JOB #

9800.900

| JOB # | SAMPLE # | DISH # | DISH WT. (g) | WET WT. Sample (g) | DRY WT. % SAMPLE (g) | % SOLIDS | % MOISTURE |
|----------|-------------|--------|--------------|--------------------|----------------------|----------------------|-------------|
| 9800.900 | 6041.01 | 1 | 1.85 | 6.40 | 6.79 | 77.2 ✓ | 22.8 ✓ |
| | 6042.01 | 2 | 1.81 | 7.97 | 8.09 | 78.8 | 21.2 |
| | 6043.01 | 3 | 1.85 | 6.29 | 6.76 | 78.1 | 21.9 |
| | 6044.01 | 4 | 1.83 | 5.73 | 6.19 | 76.1 | 23.9 |
| | 6045.01 | 5 | 1.85 | 7.81 | 7.33 | 70.2 | 29.8 |
| | 6046.01 | 6 | 1.83 | 6.22 | 6.74 | 78.9 ✓ | 21.1 ✓ |
| | 6047.01 | 7 | 1.84 | 8.34 | 8.21 | 76.4 | 23.6 |
| | 6048.01 | 8 | 1.85 | 5.41 | 6.13 | 79.1 | 20.9 |
| | 6049.01 | 9 | 1.86 | 6.78 | 7.10 | 77.3 | 22.7 |
| | 6050.01 | 10 | 1.85 | 7.18 | 7.45 | 78.0 | 22.0 |
| | 6051.01 | 11 | 1.86 | 6.71 | 7.01 | 76.8 | 23.2 |
| | 6052.01 | 12 | 1.85 | 8.28 | 8.74 | 83.2 | 16.8 |
| | 6053.01 | 13 | 1.85 | 9.61 | 9.61 | 80.7 ✓ | 19.3 ✓ |
| | 6054.01 | 14 | 1.86 | 6.88 | 6.60 | 68.9 | 31.1 |
| | 6055.01 | 15 | 1.86 | 5.97 | 6.16 | 72.0 | 28.0 |
| | 6056.01 | 16 | 1.86 | 8.44 | 7.19 | 63.2 | 36.8 |
| | 6057.01 | 17 | 1.88 | 8.98 | 7.90 | 67.0 | 33.0 |
| | 6058.01 | 18 | 1.88 | 6.24 | 6.46 | 73.4 | 26.6 |
| | 6059.01 | 19 | 1.84 | 8.40 | 8.78 | 82.6 ✓ | 17.4 ✓ |
| | 6060.01 | 20 | 1.86 | 7.94 | 7.46 | 70.5 ✓ | 29.5 ✓ |
| | 6060.01 dup | 21 | 1.87 | 6.83 | 6.73 | 71.2 ✓ XPO = 1.0% | 28.8 |
| 9800.900 | 6068.01 | 22 | 1.84 | 5.39 | 6.04 | 77.9 | 22.1 |
| | 6069.01 | 23 | 1.86 | 7.25 | 7.73 | 81.0 | 19.0 |
| | 6070.01 | 24 | 1.84 | 7.02 | 7.19 | 76.2 | 23.8 |
| | 6071.01 | 25 | 1.84 | 7.22 | 6.86 | 69.5 | 30.5 |
| | 6072.01 | 26 | 1.84 | 7.69 | 8.05 | 80.8 | 19.2 |
| | 6073.01 | 27 | 1.84 | 8.14 | 8.17 | 77.8 | 22.2 |
| | 6074.01 | 28 | 1.83 | 6.48 | 6.64 | 74.2 | 25.8 |
| | 6075.01 | 29 | 1.84 | 7.16 | 7.31 | 76.4 ✓ | 23.6 ✓ |
| | 6076.01 | 30 | 1.88 | 8.04 | 7.88 | 74.6 | To Page No. |

Witnessed & Understood by me,

KCM

Date

Invented by

Date

Recorded by

Witnessed &

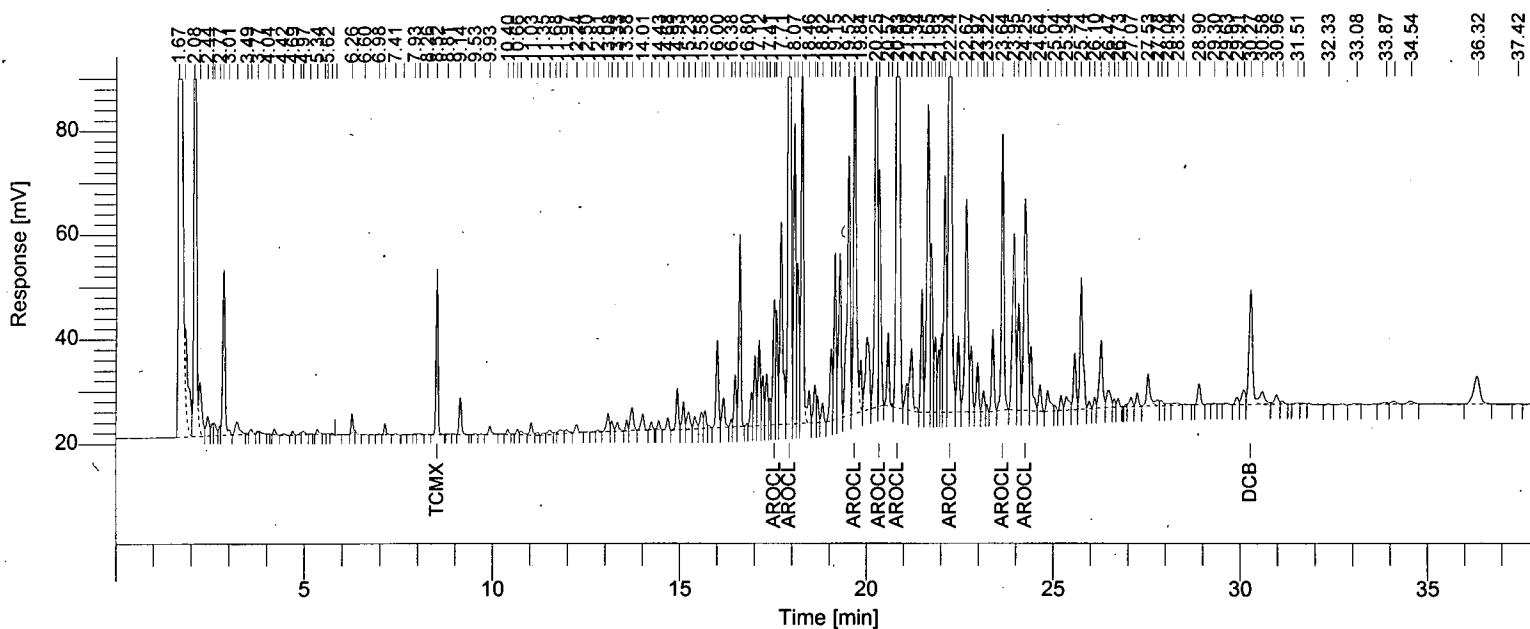
LO

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 006
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 13:28:52 PM

Date : 05/20/98 17:36:39 PM
 Sample Name : 6041 2X
 Study : 9800.898
 Rack/Vial : 1/6
 Channel : B
 A/D mV Range : 1000
 End Time : 38.00 min

Area Reject : 100.000000
 Dilution Factor : 2.00
 Cycle : 6

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_006.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_006.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_006.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 36 | 8.52 | TCMX | 110739 | 0.0102 | 0.0068 | 10.0 | 30.00 | 2.0 |
| | 17.93 | AR1254 | 2946719 | 0.8026 | 0.5350 | 10.0 | 30.00 | 2.0 |
| | 23.64 | AR1260 | 713124 | 0.1627 | 0.1085 | 10.0 | 30.00 | 2.0 |
| 157 | 30.27 | DCB | 143671 | 0.0125 | 0.0083 | 10.0 | 30.00 | 2.0 |

05/20/98 17:36:39 PM Result:

\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_006.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 84 | 17.52 | Aroclor 1254-1 | 108791 | 0.1850 | 0.1233 | 10.0 | 30.00 | 2.0 |
| 87 | 17.93 | Aroclor 1254-2 | 974593 | 1.2849 | 0.8566 | 10.0 | 30.00 | 2.0 |
| 99 | 19.68 | Aroclor 1254-3 | 377536 | 0.3680 | 0.2454 | 10.0 | 30.00 | 2.0 |
| 106 | 20.83 | Aroclor 1254-4 | 690495 | 1.2219 | 0.8146 | 10.0 | 30.00 | 2.0 |
| 117 | 22.24 | Aroclor 1254-5 | 795305 | 1.0834 | 0.7223 | 10.0 | 30.00 | 2.0 |

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 103 | 20.34 | Aroclor 1260-1 | 195648 | 0.2261 | 0.1507 | 10.0 | 30.00 | 2.0 |
| 125 | 23.64 | Aroclor 1260-4 | 245193 | 0.3839 | 0.2559 | 10.0 | 30.00 | 2.0 |
| 128 | 24.25 | Aroclor 1260-5 | 272283 | 0.2323 | 0.1549 | 10.0 | 30.00 | 2.0 |

3.2972

1692.56

4.942

16

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 006
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 13:28:52 PM

Date : 05/20/98 17:36:36 PM
 Sample Name : 6041 2X
 Study : 9800.898
 Rack/Vial : 1/6
 Channel : A
 A/D mV Range : 1000
 End Time : 38.00 min

Area Reject : 100.000000
 Dilution Factor : 2.00
 Cycle : 6

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_006.raw

Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_006.rst

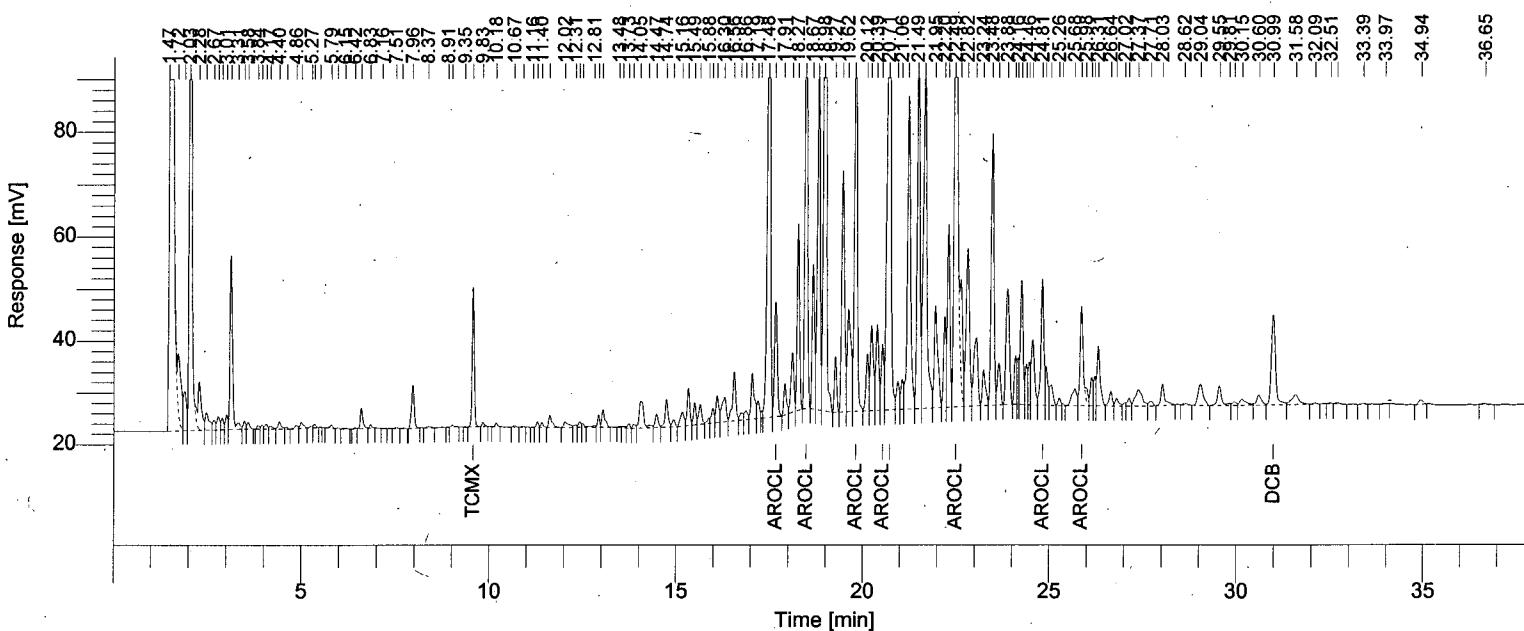
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from

\\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_006.rst

Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth

Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth

Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 40 | 9.57 | TCMX | 106049 | 0.0101 | 0.0067 | 10.0 | 30.000 | 2.0 |
| | 22.49 | AR1254 | 2381049 | 0.5612 | 0.3741 | 10.0 | 30.000 | 2.0 |
| | 24.81 | AR1260 | 308235 | 0.0744 | 0.0496 | 10.0 | 30.000 | 2.0 |
| 144 | 30.99 | DCB | 134344 | 0.0124 | 0.0083 | 10.0 | 30.000 | 2.0 |
| | | | 2929676 | 0.6581 | | 40.0 | 120.000 | 8.0 |

05/20/98 17:36:36 PM Result:

\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_006.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 80 | 17.67 | Aroclor 1254-1 | 117389 | 0.1880 | 0.1253 | 10.0 | 30.000 | 2.0 |
| 84 | 18.48 | Aroclor 1254-2 | 407036 | 0.4493 | 0.2995 | 10.0 | 30.000 | 2.0 |
| 91 | 19.81 | Aroclor 1254-3 | 394884 | 0.4308 | 0.2872 | 10.0 | 30.000 | 2.0 |
| 96 | 20.71 | Aroclor 1254-4 | 644299 | 0.6493 | 0.4328 | 10.0 | 30.000 | 2.0 |
| 105 | 22.49 | Aroclor 1254-5 | 817441 | 1.0169 | 0.6779 | 10.0 | 30.000 | 2.0 |
| | | | 2381049 | 2.7343 | | 50.0 | 150.000 | 10.0 |

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 95 | 20.53 | Aroclor 1260-1 | 62927 | 0.0792 | 0.0528 | 10.0 | 30.000 | 2.0 |
| 119 | 24.81 | Aroclor 1260-4 | 131864 | 0.1262 | 0.0841 | 10.0 | 30.000 | 2.0 |
| 125 | 25.86 | Aroclor 1260-5 | 113444 | 0.2260 | 0.1507 | 10.0 | 30.000 | 2.0 |
| | | | 308235 | 0.4314 | | 30.0 | 90.000 | 6.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 007
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 14:11:27 PM

Date : 05/20/98 17:41:54 PM
 Sample Name : 6042.20X
 Study : 9800.898
 Rack/Vial : 1/7
 Channel : B
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 20.00
 Cycle : 7

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_007.raw

Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_007.rst

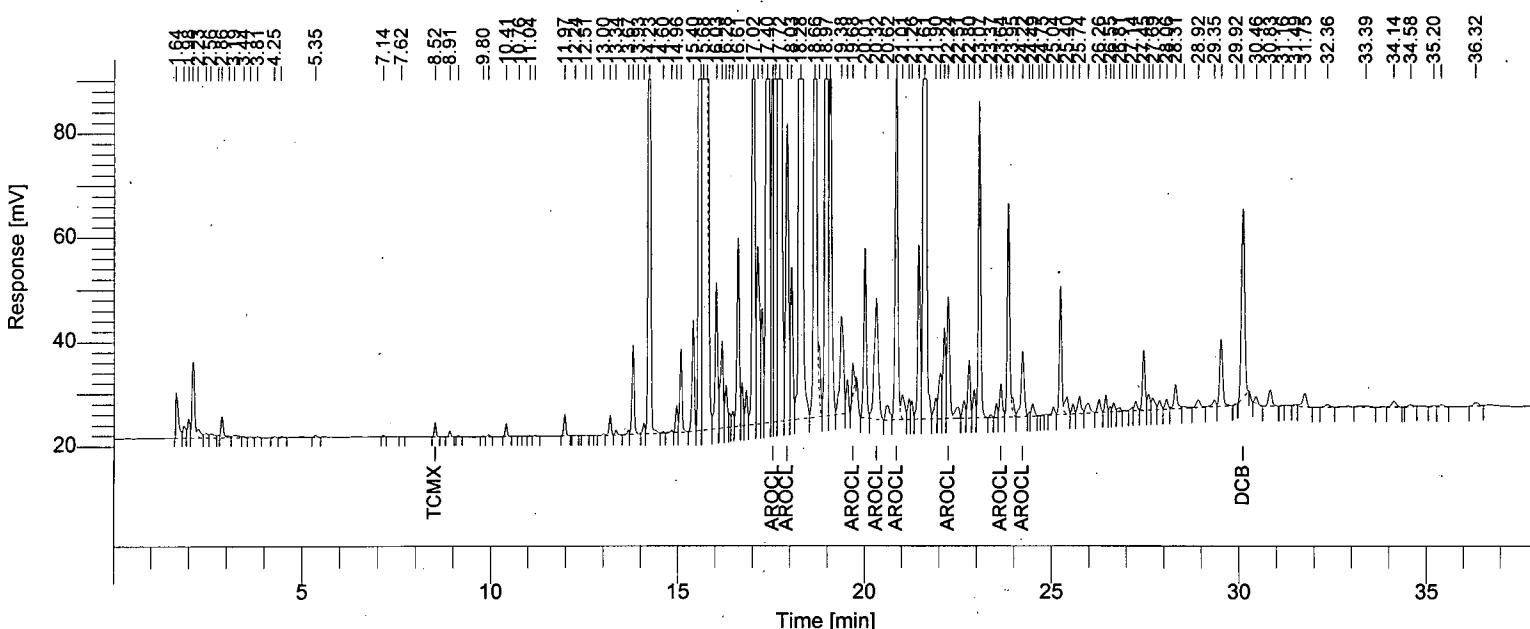
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from

\\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_007.rst

Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth

Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth

Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 20 | 8.52 | TCMX | 9416 | 0.0009 | 0.0058 | 10.0 | 30.00 | 20.0 |
| | 17.53 | AR1254 | 1112916 | 0.3031 | 2.0207 | 10.0 | 30.00 | 20.0 |
| | 20.32 | AR1260 | 282978 | 0.0646 | 0.4304 | 10.0 | 30.00 | 20.0 |
| 128 | 30.12 | DCB | 217428 | 0.0189 | 0.1257 | 10.0 | 30.00 | 20.0 |

AM1254
 present
 BG / uLug

05/20/98 17:41:54 PM Result:

\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_007.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 61 | 17.53 | Aroclor 1254-1 | 322199 | 0.5478 | 3.6520 | 10.0 | 30.00 | 20.0 |
| 64 | 17.92 | Aroclor 1254-2 | 307383 | 0.4052 | 2.7016 | 10.0 | 30.00 | 20.0 |
| 73 | 19.68 | Aroclor 1254-3 | 23680 | 0.0231 | 0.1539 | 10.0 | 30.00 | 20.0 |
| 77 | 20.86 | Aroclor 1254-4 | 338778 | 0.5995 | 3.9967 | 10.0 | 30.00 | 20.0 |
| 86 | 22.24 | Aroclor 1254-5 | 120876 | 0.1647 | 1.0978 | 10.0 | 30.00 | 20.0 |

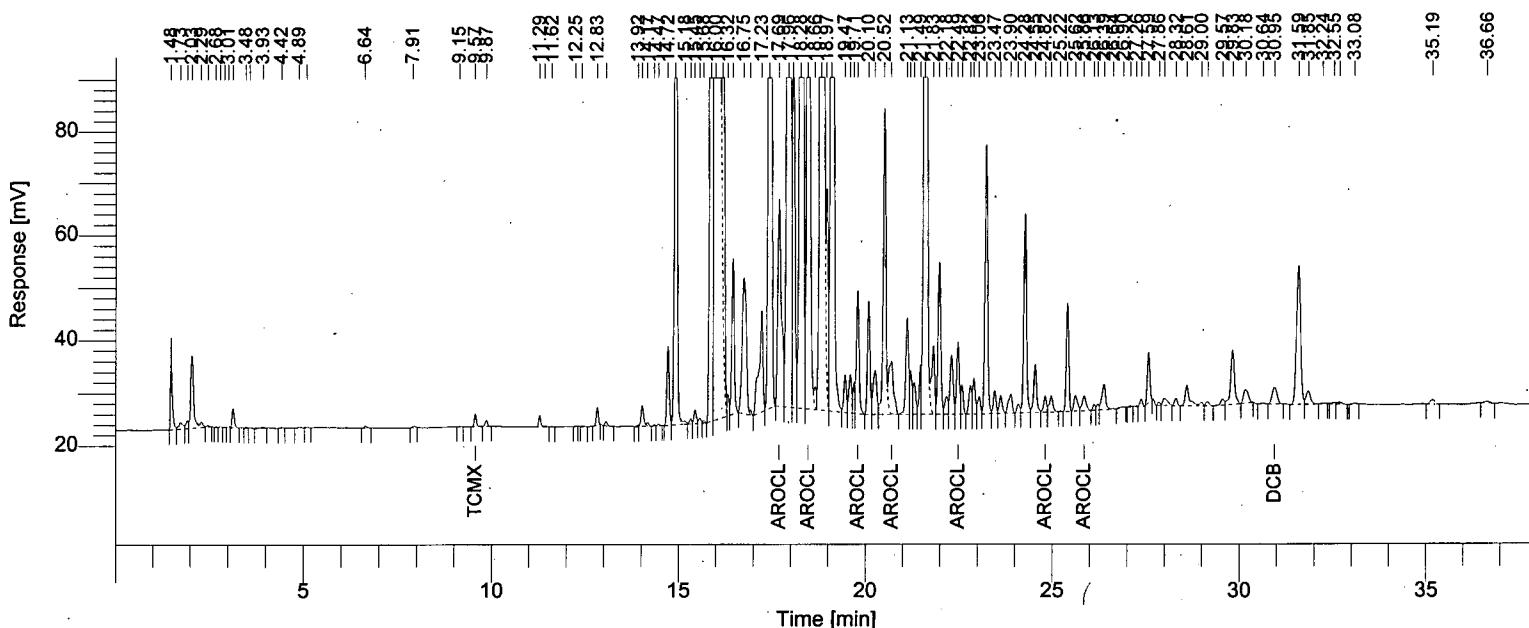
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 75 | 20.32 | Aroclor 1260-1 | 176086 | 0.2034 | 1.3563 | 10.0 | 30.00 | 20.0 |
| 94 | 23.64 | Aroclor 1260-4 | 32183 | 0.0504 | 0.3359 | 10.0 | 30.00 | 20.0 |
| 97 | 24.22 | Aroclor 1260-5 | 74710 | 0.0637 | 0.4250 | 10.0 | 30.00 | 20.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 007
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 14:11:27 PM

Date : 05/20/98 17:41:51 PM
 Sample Name : 6042 20X
 Study : 9800.898
 Rack/Vial : 1/7
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min
 Area Reject : 100.000000
 Dilution Factor : 20.00
 Cycle : 7

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_007.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_007.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_007.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 21 | 9.57 | TCMX | 9587 | 0.0009 | 0.0061 | 10.0 | 30.000 | 20.0 |
| | 18.47 | AR1254 | 1533079 | 0.3613 | 2.4087 | 10.0 | 30.000 | 20.0 |
| | 24.82 | AR1260 | 37783 | 0.0091 | 0.0608 | 10.0 | 30.000 | 20.0 |
| 114 | 30.95 | DCB | 28956 | 0.0027 | 0.0179 | 10.0 | 30.000 | 20.0 |
| | | | 1609405 | 0.3740 | | 40.0 | 120.000 | 80.0 |

30.95 min

05/20/98 17:41:51 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_007.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 51 | 17.69 | Aroclor 1254-1 | 265967 | 0.4259 | 2.8394 | 10.0 | 30.000 | 20.0 |
| 55 | 18.47 | Aroclor 1254-2 | 993894 | 1.0971 | 7.3142 | 10.0 | 30.000 | 20.0 |
| 63 | 19.80 | Aroclor 1254-3 | 118736 | 0.1295 | 0.8636 | 10.0 | 30.000 | 20.0 |
| 67 | 20.71 | Aroclor 1254-4 | 85794 | 0.0865 | 0.5764 | 10.0 | 30.000 | 20.0 |
| 77 | 22.49 | Aroclor 1254-5 | 68688 | 0.0854 | 0.5697 | 10.0 | 30.000 | 20.0 |
| | | | 1533079 | 1.8245 | | 50.0 | 150.000 | 100.0 |

Group Report For : AR1260

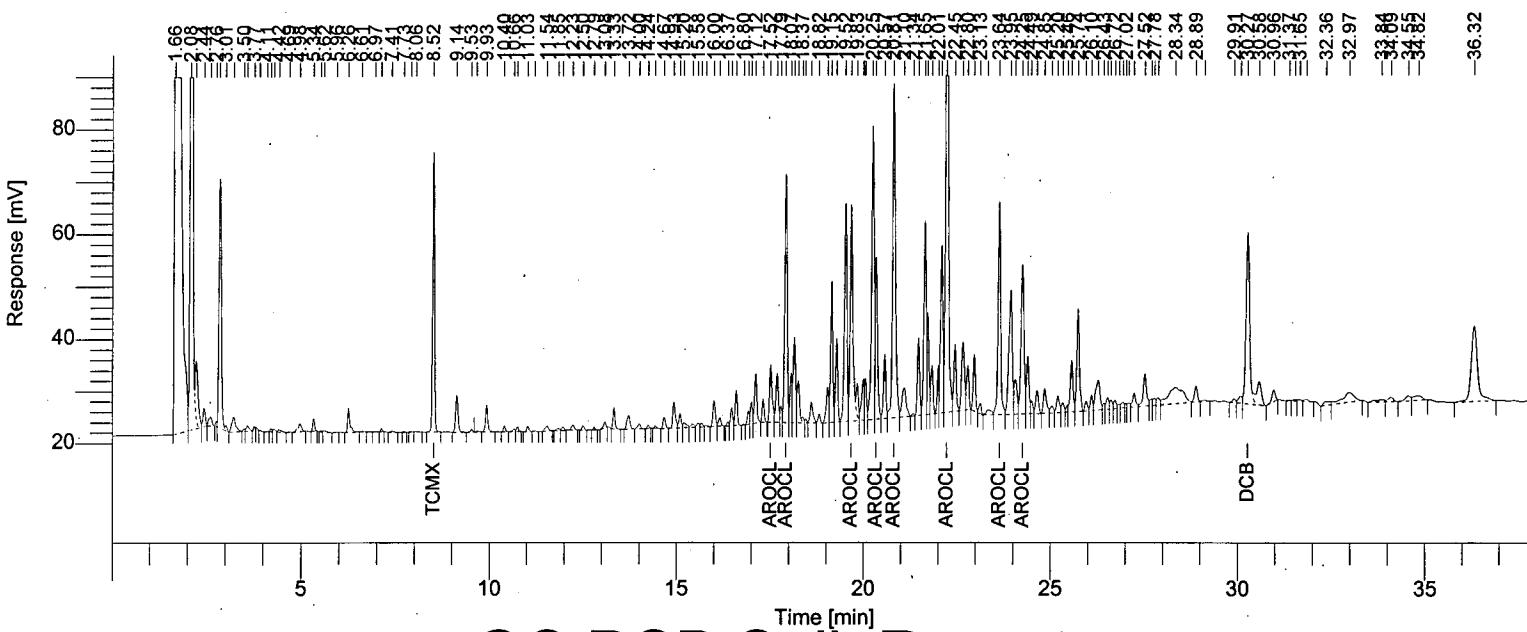
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 | 0.0000 | 10.0 | 30.000 | 20.0 |
| 89 | 24.82 | Aroclor 1260-4 | 16516 | 0.0158 | 0.1054 | 10.0 | 30.000 | 20.0 |
| 94 | 25.86 | Aroclor 1260-5 | 21267 | 0.0424 | 0.2825 | 10.0 | 30.000 | 20.0 |
| | | | 37783 | 0.0582 | | 30.0 | 90.000 | 60.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 008
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 14:53:54 PM

Date : 05/20/98 17:42:00 PM
 Sample Name : 6043
 Study : 9800.898
 Rack/Vial : 1/8
 Channel : B
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 8

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_008.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_008.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_008.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 32 | 8.52 | TCMX | 190808 | 0.0176 | 0.0059 | 10.0 | 30.00 | 1.0 |
| | 22.23 | AR1254 | 1363306 | 0.3713 | 0.1238 | 10.0 | 30.00 | 1.0 |
| | 23.64 | AR1260 | 490617 | 0.1119 | 0.0373 | 10.0 | 30.00 | 1.0 |
| 145 | 30.27 | DCB | 220607 | 0.0191 | 0.0064 | 10.0 | 30.00 | 1.0 |

05/20/98 17:42:00 PM Result:

\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_008.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 72 | 17.52 | Aroclor 1254-1 | 54531 | 0.0927 | 0.0309 | 10.0 | 30.00 | 1.0 |
| 75 | 17.92 | Aroclor 1254-2 | 217082 | 0.2862 | 0.0954 | 10.0 | 30.00 | 1.0 |
| 87 | 19.67 | Aroclor 1254-3 | 211414 | 0.2061 | 0.0687 | 10.0 | 30.00 | 1.0 |
| 94 | 20.81 | Aroclor 1254-4 | 335390 | 0.5935 | 0.1978 | 10.0 | 30.00 | 1.0 |
| 103 | 22.23 | Aroclor 1254-5 | 544890 | 0.7423 | 0.2474 | 10.0 | 30.00 | 1.0 |

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 92 | 20.34 | Aroclor 1260-1 | 136640 | 0.1579 | 0.0526 | 10.0 | 30.00 | 1.0 |
| 110 | 23.64 | Aroclor 1260-4 | 193060 | 0.3023 | 0.1008 | 10.0 | 30.00 | 1.0 |
| 113 | 24.25 | Aroclor 1260-5 | 160917 | 0.1373 | 0.0458 | 10.0 | 30.00 | 1.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 008
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 14:53:54 PM

Date : 05/20/98 17:41:57 PM
 Sample Name : 6043
 Study : 9800.898
 Rack/Vial : 1/8
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 8

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_008.raw

Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_008.rst

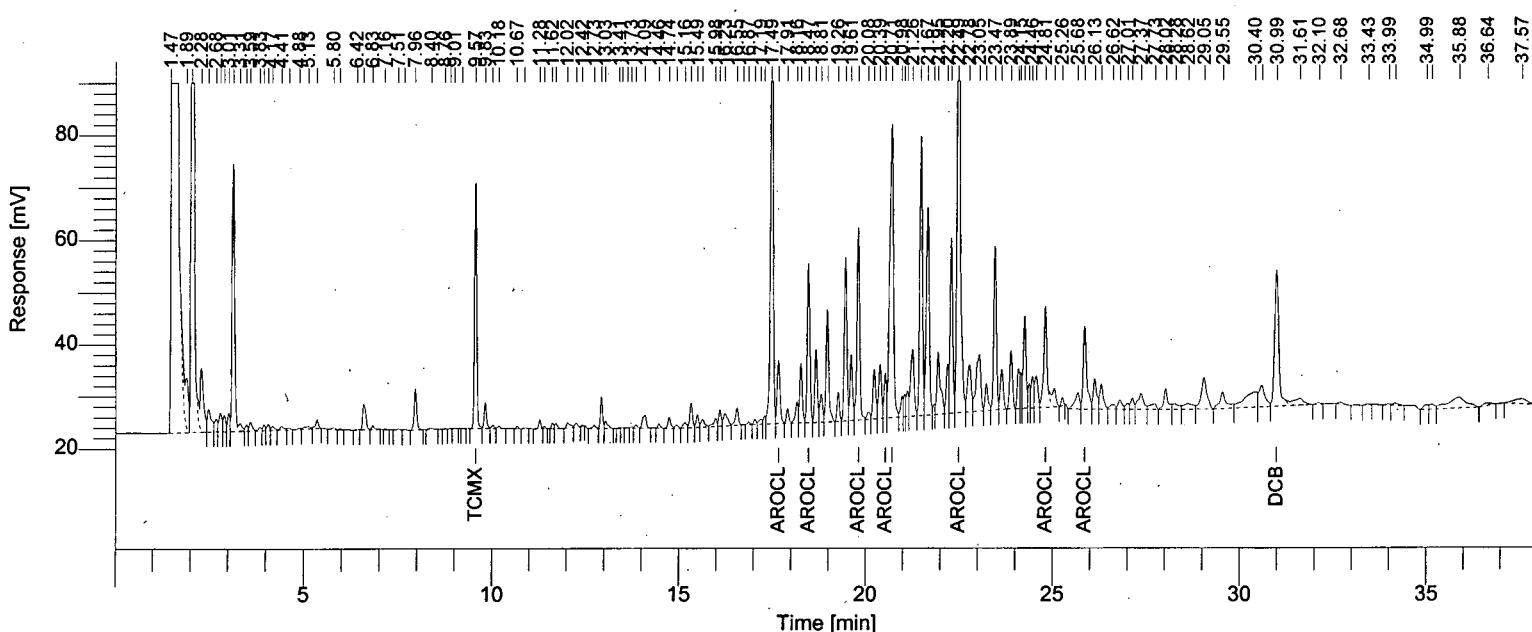
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from

\\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_008.rst

Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth

Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth

Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 37 | 9.57 | TCMX | 190746 | 0.0181 | 0.0060 | 10.0 | 30.000 | 1.0 |
| | 22.49 | AR1254 | 1349515 | 0.3180 | 0.1060 | 10.0 | 30.000 | 1.0 |
| | 24.81 | AR1260 | 264920 | 0.0640 | 0.0213 | 10.0 | 30.000 | 1.0 |
| 136 | 30.99 | DCB | 206902 | 0.0192 | 0.0064 | 10.0 | 30.000 | 1.0 |
| | | | 2012084 | 0.4193 | | 40.0 | 120.000 | 4.0 |

05/20/98 17:41:57 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_008.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 76 | 17.67 | Aroclor 1254-1 | 65235 | 0.1045 | 0.0348 | 10.0 | 30.000 | 1.0 |
| 80 | 18.47 | Aroclor 1254-2 | 148881 | 0.1643 | 0.0548 | 10.0 | 30.000 | 1.0 |
| 87 | 19.81 | Aroclor 1254-3 | 186838 | 0.2038 | 0.0679 | 10.0 | 30.000 | 1.0 |
| 92 | 20.71 | Aroclor 1254-4 | 387070 | 0.3900 | 0.1300 | 10.0 | 30.000 | 1.0 |
| 103 | 22.49 | Aroclor 1254-5 | 561491 | 0.6985 | 0.2328 | 10.0 | 30.000 | 1.0 |
| | | | 1349515 | 1.5612 | | 50.0 | 150.000 | 5.0 |

Group Report For : AR1260

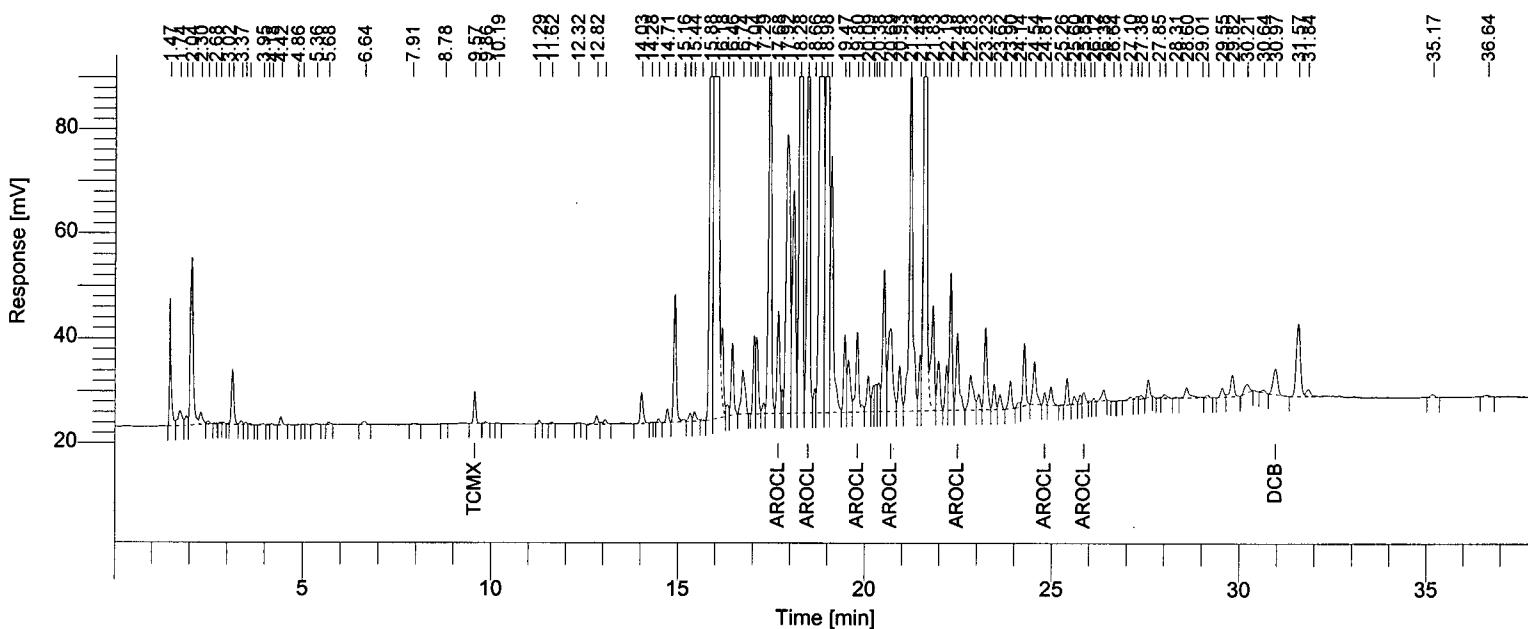
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 91 | 20.53 | Aroclor 1260-1 | 39738 | 0.0500 | 0.0167 | 10.0 | 30.000 | 1.0 |
| 116 | 24.81 | Aroclor 1260-4 | 120203 | 0.1150 | 0.0383 | 10.0 | 30.000 | 1.0 |
| 120 | 25.86 | Aroclor 1260-5 | 104979 | 0.2092 | 0.0697 | 10.0 | 30.000 | 1.0 |
| | | | 264920 | 0.3742 | | 30.0 | 90.000 | 3.0 |

Software Version : 6.0.2:G11
 Operator : PFALZERJ
 Sample Number : 214
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/20/98 23:02:53 PM

Date : 05/21/98 17:26:19 PM
 Sample Name : 6044 10X
 Study : 9800.898
 Rack/Vial : 1/14
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 10.00
 Cycle : 214

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_214.raw
 Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_214.rst
 Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from
 \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_214.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 25 | 9.57 | TCMX | 24232 | 0.0023 | 0.0077 | 10.0 | 30.000 | 10.0 |
| | 18.48 | AR1254 | 915352 | 0.2157 | 0.7191 | 10.0 | 30.000 | 10.0 |
| | 24.81 | AR1260 | 23341 | 0.0056 | 0.0188 | 10.0 | 30.000 | 10.0 |
| | 30.97 | DCB | 41963 | 0.0039 | 0.0130 | 10.0 | 30.000 | 10.0 |
| | | | | 1004888 | 0.2276 | 40.0 | 120.000 | 40.0 |

05/21/98 17:26:19 PM Result:

\\\gcsrv1\TCDData\hp68901\may\980513320r\1a_0513_214.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 53 | 17.68 | Aroclor 1254-1 | 95848 | 0.1535 | 0.5116 | 10.0 | 30.000 | 10.0 |
| 58 | 18.48 | Aroclor 1254-2 | 506782 | 0.5594 | 1.8647 | 10.0 | 30.000 | 10.0 |
| 65 | 19.80 | Aroclor 1254-3 | 83517 | 0.0911 | 0.3037 | 10.0 | 30.000 | 10.0 |
| 72 | 20.69 | Aroclor 1254-4 | 143630 | 0.1447 | 0.4824 | 10.0 | 30.000 | 10.0 |
| 81 | 22.48 | Aroclor 1254-5 | 85574 | 0.1065 | 0.3548 | 10.0 | 30.000 | 10.0 |
| | | | 915352 | 1.0552 | | 50.0 | 150.000 | 50.0 |

Group Report For : AR1260

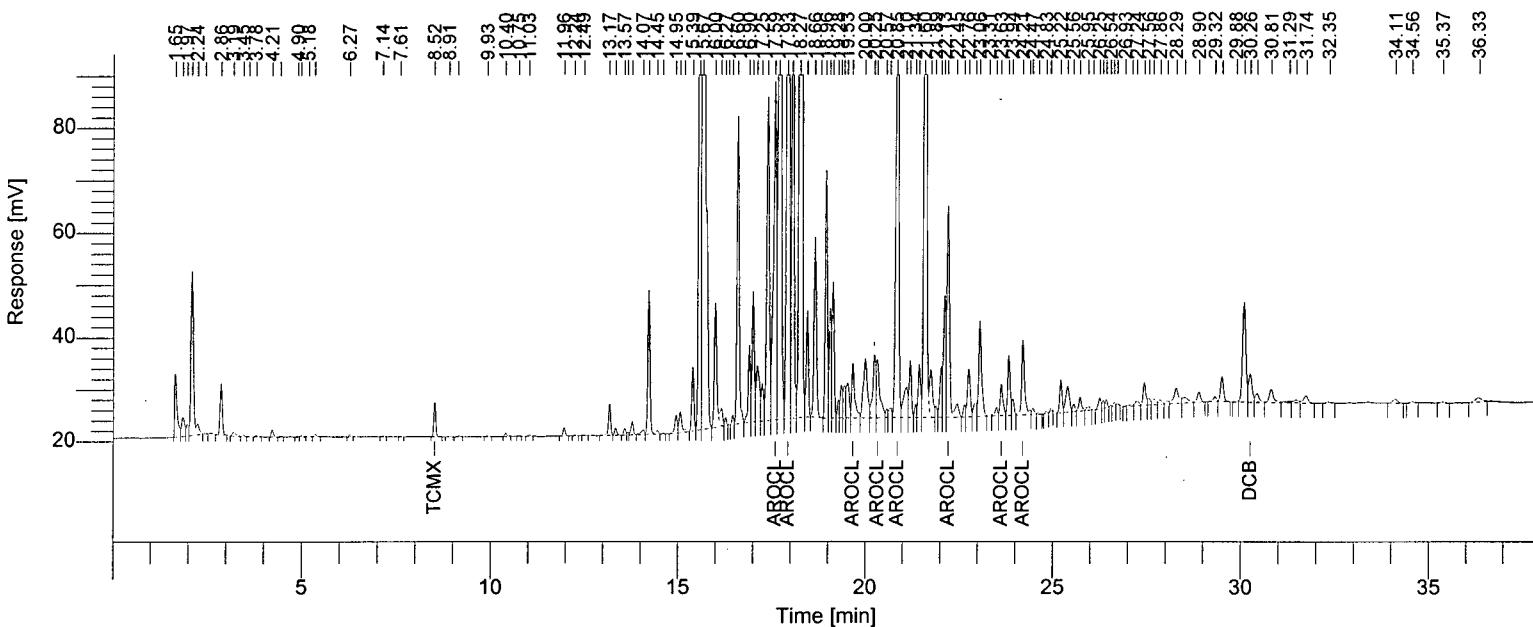
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 | 0.0000 | 10.0 | 30.000 | 10.0 |
| 91 | 24.81 | Aroclor 1260-4 | 11130 | 0.0107 | 0.0355 | 10.0 | 30.000 | 10.0 |
| 97 | 25.85 | Aroclor 1260-5 | 12211 | 0.0243 | 0.0811 | 10.0 | 30.000 | 10.0 |
| | | | 23341 | 0.0350 | | 30.0 | 90.000 | 30.0 |

Software Version : 6.0.2:G11
 Operator : PFALZERJ
 Sample Number : 214
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/20/98 23:02:53 PM

Date : 05/21/98 17:26:24 PM
 Sample Name : 6044 10X
 Study : 9800.898
 Rack/Vial : 1/14
 Channel : B
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 10.00
 Cycle : 214

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320\1B_0513_214.raw
 Result File : \\gcsrv1\TCData\hp68901\may\980513320\1B_0513_214.rst
 Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from
 \\gcsrv1\TCData\hp68901\may\980513320\1B_0513_214.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 21 | 8.52 | TCMX | 23665 | 0.0022 | 0.0073 | 10.0 | 30.00 | 10.0 |
| | 17.93 | AR1254 | 2233398 | 0.6083 | 2.0276 | 10.0 | 30.00 | 10.0 |
| | 24.21 | AR1260 | 184593 | 0.0421 | 0.1404 | 10.0 | 30.00 | 10.0 |
| 132 | 30.26 | DCB | 35270 | 0.0031 | 0.0102 | 10.0 | 30.00 | 10.0 |

05/21/98 17:26:24 PM Result:

\gcsrv1\TCDData\hp68901\may\980513320r\1B_0513_214.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 57 | 17.59 | Aroclor 1254-1 | 349676 | 0.5945 | 1.9817 | 10.0 | 30.00 | 10.0 |
| 59 | 17.93 | Aroclor 1254-2 | 1072110 | 1.4134 | 4.7114 | 10.0 | 30.00 | 10.0 |
| 72 | 19.67 | Aroclor 1254-3 | 57763 | 0.0563 | 0.1877 | 10.0 | 30.00 | 10.0 |
| 78 | 20.85 | Aroclor 1254-4 | 558090 | 0.9876 | 3.2921 | 10.0 | 30.00 | 10.0 |
| 88 | 22.21 | Aroclor 1254-5 | 195759 | 0.2667 | 0.8889 | 10.0 | 30.00 | 10.0 |

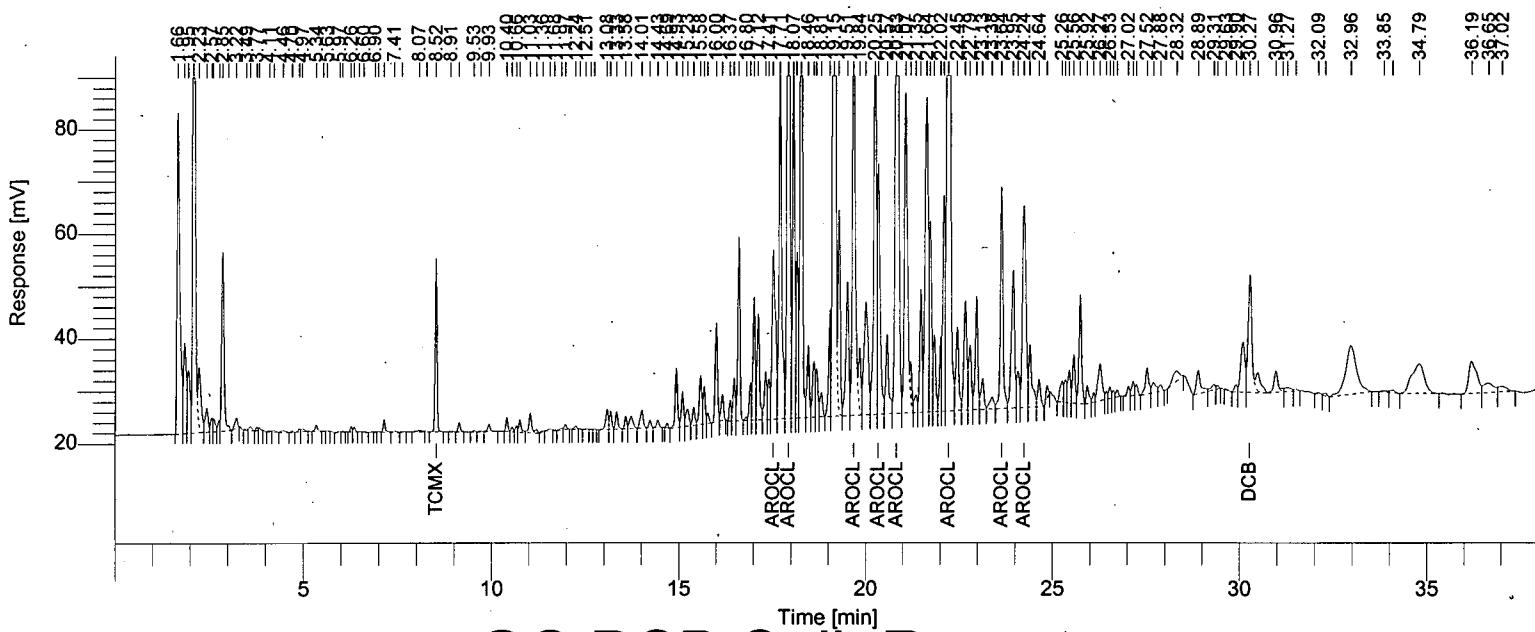
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 75 | 20.32 | Aroclor 1260-1 | 73850 | 0.0853 | 0.2844 | 10.0 | 30.00 | 10.0 |
| 96 | 23.63 | Aroclor 1260-4 | 31884 | 0.0499 | 0.1664 | 10.0 | 30.00 | 10.0 |
| 99 | 24.21 | Aroclor 1260-5 | 78860 | 0.0673 | 0.2243 | 10.0 | 30.00 | 10.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 010
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 16:19:04 PM

Date : 05/20/98 17:42:13 PM
 Sample Name : 6045 2X
 Study : 9800.898
 Rack/Vial : 1/10
 Channel : B
 A/D mV Range : 1000
 End Time : 37.99 min
 Area Reject : 100.000000
 Dilution Factor : 2.00
 Cycle : 10

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_010.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_010.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_010.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 39 | 8.52 | TCMX | 115464 | 0.0107 | 0.0071 | 10.0 | 30.00 | 2.0 |
| | 20.34 | AR1260 | 697764 | 0.1592 | 0.1061 | 10.0 | 30.00 | 2.0 |
| | 22.22 | AR1254 | 3904358 | 1.0634 | 0.7089 | 10.0 | 30.00 | 2.0 |
| 157 | 30.27 | DCB | 157728 | 0.0137 | 0.0091 | 10.0 | 30.00 | 2.0 |

05/20/98 17:42:13 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_010.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 88 | 17.52 | Aroclor 1254-1 | 209466 | 0.3561 | 0.2374 | 10.0 | 30.00 | 2.0 |
| 90 | 17.93 | Aroclor 1254-2 | 867875 | 1.1442 | 0.7628 | 10.0 | 30.00 | 2.0 |
| 102 | 19.67 | Aroclor 1254-3 | 448833 | 0.4375 | 0.2917 | 10.0 | 30.00 | 2.0 |
| 108 | 20.83 | Aroclor 1254-4 | 628707 | 1.1126 | 0.7417 | 10.0 | 30.00 | 2.0 |
| 118 | 22.22 | Aroclor 1254-5 | 1749477 | 2.3833 | 1.5889 | 10.0 | 30.00 | 2.0 |

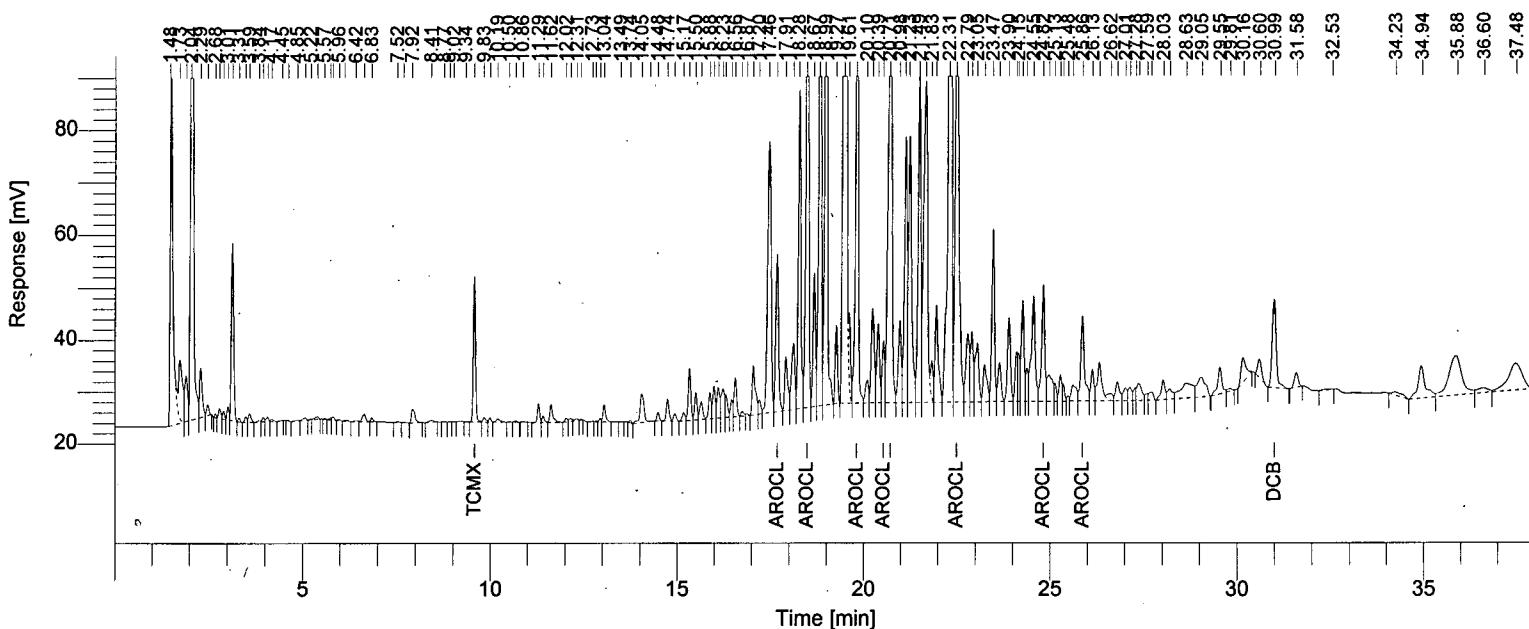
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 106 | 20.34 | Aroclor 1260-1 | 235995 | 0.2727 | 0.1818 | 10.0 | 30.00 | 2.0 |
| 125 | 23.64 | Aroclor 1260-4 | 207992 | 0.3256 | 0.2171 | 10.0 | 30.00 | 2.0 |
| 128 | 24.24 | Aroclor 1260-5 | 253777 | 0.2165 | 0.1444 | 10.0 | 30.00 | 2.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 010
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 16:19:04 PM

Date : 05/20/98 17:42:11 PM
 Sample Name : 6045 2X
 Study : 9800.898
 Rack/Vial : 1/10
 Channel : A
 A/D mV Range : 1000
 End Time : 37.99 min
 Area Reject : 100.000000
 Dilution Factor : 2.00
 Cycle : 10

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_010.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_010.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_010.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 41 | 9.57 | TCMX | 111311 | 0.0106 | 0.0071 | 10.0 | 30.000 | 2.0 |
| | 22.49 | AR1254 | 2380168 | 0.5609 | 0.3740 | 10.0 | 30.000 | 2.0 |
| | 24.82 | AR1260 | 298474 | 0.0721 | 0.0481 | 10.0 | 30.000 | 2.0 |
| 146 | 30.99 | DCB | 128795 | 0.0119 | 0.0079 | 10.0 | 30.000 | 2.0 |
| | | | 2918748 | 0.6555 | | 40.0 | 120.000 | 8.0 |

05/20/98 17:42:11 PM Result:

\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_010.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 82 | 17.68 | Aroclor 1254-1 | 161559 | 0.2587 | 0.1725 | 10.0 | 30.000 | 2.0 |
| 86 | 18.48 | Aroclor 1254-2 | 535163 | 0.5907 | 0.3938 | 10.0 | 30.000 | 2.0 |
| 93 | 19.81 | Aroclor 1254-3 | 444612 | 0.4851 | 0.3234 | 10.0 | 30.000 | 2.0 |
| 98 | 20.71 | Aroclor 1254-4 | 590140 | 0.5947 | 0.3965 | 10.0 | 30.000 | 2.0 |
| 107 | 22.49 | Aroclor 1254-5 | 648694 | 0.8070 | 0.5380 | 10.0 | 30.000 | 2.0 |
| | | | 2380168 | 2.7362 | | 50.0 | 150.000 | 10.0 |

Group Report For : AR1260

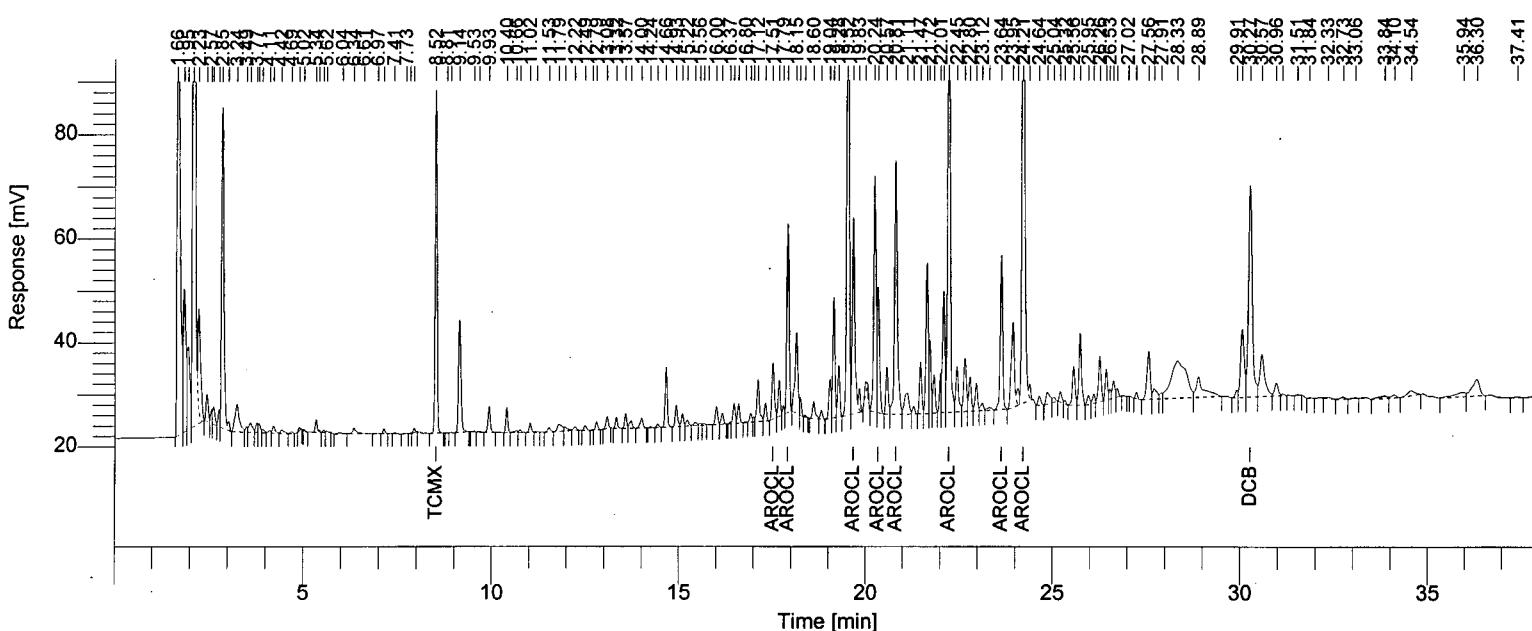
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 97 | 20.54 | Aroclor 1260-1 | 55912 | 0.0704 | 0.0469 | 10.0 | 30.000 | 2.0 |
| 120 | 24.82 | Aroclor 1260-4 | 129391 | 0.1238 | 0.0825 | 10.0 | 30.000 | 2.0 |
| 127 | 25.86 | Aroclor 1260-5 | 113171 | 0.2255 | 0.1503 | 10.0 | 30.000 | 2.0 |
| | | | 298474 | 0.4197 | | 30.0 | 90.000 | 6.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 011
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 17:01:32 PM

Date : 05/20/98 17:42:18 PM
 Sample Name : 6046
 Study : 9800.898
 Rack/Vial : 1/11
 Channel : B
 A/D mV Range : 1000
 End Time : 38.00 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 11

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_011.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_011.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_011.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 37 | 8.52 | TCMX | 234204 | 0.0216 | 0.0072 | 10.0 | 30.00 | 1.0 |
| | 22.23 | AR1254 | 1052290 | 0.2866 | 0.0955 | 10.0 | 30.00 | 1.0 |
| | 24.21 | AR1260 | 751655 | 0.1715 | 0.0572 | 10.0 | 30.00 | 1.0 |
| 144 | 30.27 | DCB | 282334 | 0.0245 | 0.0082 | 10.0 | 30.00 | 1.0 |

05/20/98 17:42:18 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_011.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 81 | 17.51 | Aroclor 1254-1 | 48561 | 0.0826 | 0.0275 | 10.0 | 30.00 | 1.0 |
| 84 | 17.91 | Aroclor 1254-2 | 157959 | 0.2082 | 0.0694 | 10.0 | 30.00 | 1.0 |
| 94 | 19.67 | Aroclor 1254-3 | 178886 | 0.1744 | 0.0581 | 10.0 | 30.00 | 1.0 |
| 100 | 20.81 | Aroclor 1254-4 | 255252 | 0.4517 | 0.1506 | 10.0 | 30.00 | 1.0 |
| 109 | 22.23 | Aroclor 1254-5 | 411632 | 0.5608 | 0.1869 | 10.0 | 30.00 | 1.0 |

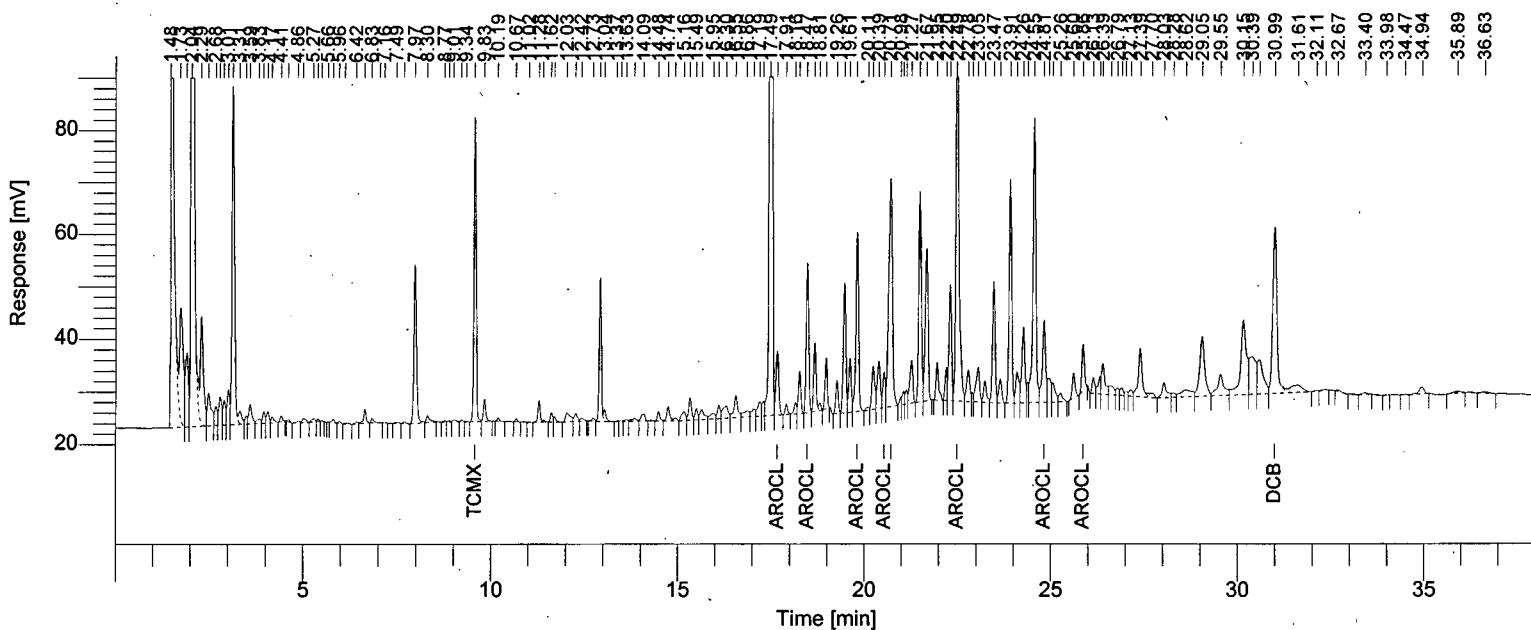
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 98 | 20.33 | Aroclor 1260-1 | 102479 | 0.1184 | 0.0395 | 10.0 | 30.00 | 1.0 |
| 116 | 23.64 | Aroclor 1260-4 | 134539 | 0.2106 | 0.0702 | 10.0 | 30.00 | 1.0 |
| 119 | 24.21 | Aroclor 1260-5 | 514637 | 0.4391 | 0.1464 | 10.0 | 30.00 | 1.0 |

Software Version : 6.0.2.G11
 Operator : ATHERTOND
 Sample Number : 011
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 17:01:32 PM

Date : 05/20/98 17:42:16 PM
 Sample Name : 6046
 Study : 9800.898
 Rack/Vial : 1/11
 Channel : A
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 11

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_011.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_011.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_011.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 44 | 9.57 | TCMX | 235636 | 0.0224 | 0.0075 | 10.0 | 30.000 | 1.0 |
| | 22.49 | AR1254 | 1083978 | 0.2555 | 0.0852 | 10.0 | 30.000 | 1.0 |
| | 24.81 | AR1260 | 170030 | 0.0411 | 0.0137 | 10.0 | 30.000 | 1.0 |
| 142 | 30.99 | DCB | 249971 | 0.0231 | 0.0077 | 10.0 | 30.000 | 1.0 |
| | | | 1739614 | 0.3421 | | 40.0 | 120.000 | 4.0 |

05/20/98 17:42:16 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_011.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 80 | 17.66 | Aroclor 1254-1 | 65808 | 0.1054 | 0.0351 | 10.0 | 30.000 | 1.0 |
| 84 | 18.47 | Aroclor 1254-2 | 135475 | 0.1495 | 0.0498 | 10.0 | 30.000 | 1.0 |
| 91 | 19.81 | Aroclor 1254-3 | 171568 | 0.1872 | 0.0624 | 10.0 | 30.000 | 1.0 |
| 96 | 20.71 | Aroclor 1254-4 | 299830 | 0.3021 | 0.1007 | 10.0 | 30.000 | 1.0 |
| 106 | 22.49 | Aroclor 1254-5 | 411297 | 0.5117 | 0.1706 | 10.0 | 30.000 | 1.0 |
| | | | 1083978 | 1.2559 | | 50.0 | 150.000 | 5.0 |

Group Report For : AR1260

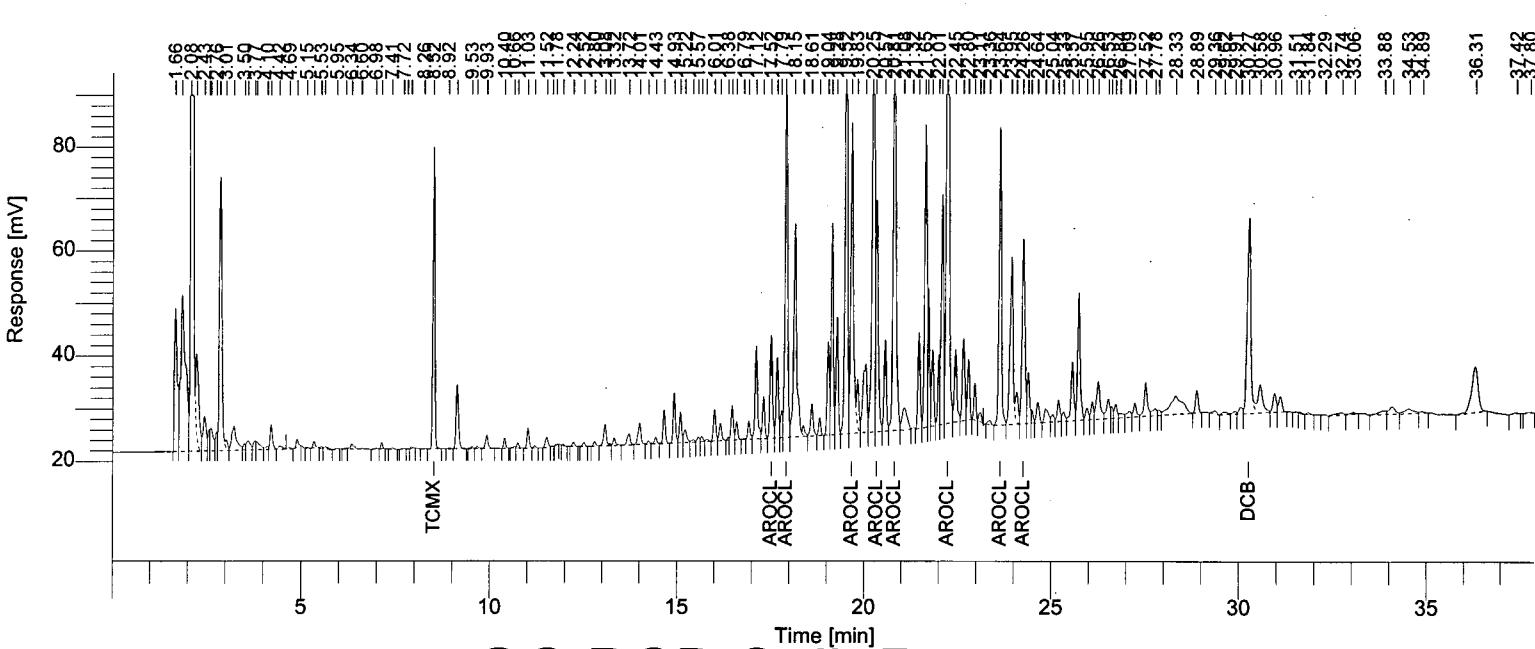
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 95 | 20.53 | Aroclor 1260-1 | 32187 | 0.0405 | 0.0135 | 10.0 | 30.000 | 1.0 |
| 118 | 24.81 | Aroclor 1260-4 | 95808 | 0.0917 | 0.0306 | 10.0 | 30.000 | 1.0 |
| 123 | 25.86 | Aroclor 1260-5 | 42034 | 0.0837 | 0.0279 | 10.0 | 30.000 | 1.0 |
| | | | 170030 | 0.2159 | | 30.0 | 90.000 | 3.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 012
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 17:44:07 PM

Date : 05/20/98 17:42:23 PM
 Sample Name : 6047
 Study : 9800.898
 Rack/Vial : 1/12
 Channel : B
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 12

Raw Data File : \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_012.raw
 Result File : \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_012.rst
 Inst Method : \\gcsrv1\TCDATA\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_012.rst
 Proc Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCDATA\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 36 | 8.52 | TCMX | 206158 | 0.0190 | 0.0063 | 10.0 | 30.00 | 1.0 |
| | 22.24 | AR1254 | 1894769 | 0.5161 | 0.1720 | 10.0 | 30.00 | 1.0 |
| | 23.64 | AR1260 | 642644 | 0.1466 | 0.0489 | 10.0 | 30.00 | 1.0 |
| 144 | 30.27 | DCB | 245483 | 0.0213 | 0.0071 | 10.0 | 30.00 | 1.0 |

05/20/98 17:42:23 PM Result:

\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_012.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 78 | 17.52 | Aroclor 1254-1 | 89910 | 0.1529 | 0.0510 | 10.0 | 30.00 | 1.0 |
| 81 | 17.91 | Aroclor 1254-2 | 322019 | 0.4245 | 0.1415 | 10.0 | 30.00 | 1.0 |
| 90 | 19.67 | Aroclor 1254-3 | 300538 | 0.2930 | 0.0977 | 10.0 | 30.00 | 1.0 |
| 96 | 20.81 | Aroclor 1254-4 | 457146 | 0.8090 | 0.2697 | 10.0 | 30.00 | 1.0 |
| 105 | 22.24 | Aroclor 1254-5 | 725156 | 0.9879 | 0.3293 | 10.0 | 30.00 | 1.0 |

Group Report For : AR1260

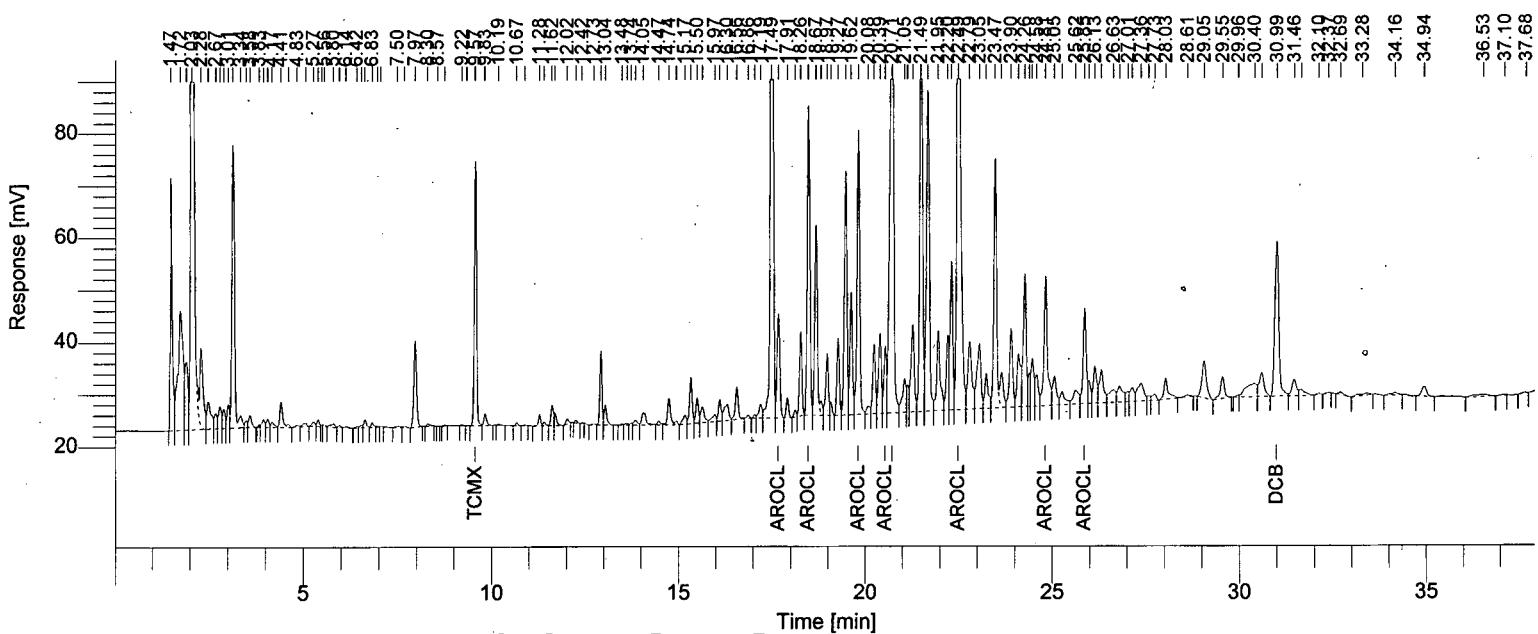
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 94 | 20.34 | Aroclor 1260-1 | 192303 | 0.2222 | 0.0741 | 10.0 | 30.00 | 1.0 |
| 113 | 23.64 | Aroclor 1260-4 | 259316 | 0.4060 | 0.1353 | 10.0 | 30.00 | 1.0 |
| 116 | 24.26 | Aroclor 1260-5 | 191024 | 0.1630 | 0.0543 | 10.0 | 30.00 | 1.0 |

Software Version : 6.0.2;G11
 Operator : ATHERTOND
 Sample Number : 012
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 17:44:07 PM

Date : 05/20/98 17:42:21 PM
 Sample Name : 6047
 Study : 9800.898
 Rack/Vial : 1/12
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 12

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_012.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_012.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_012.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 44 | 9.57 | TCMX | 206452 | 0.0196 | 0.0065 | 10.0 | 30.000 | 1.0 |
| | 22.49 | AR1254 | 2201932 | 0.5189 | 0.1730 | 10.0 | 30.000 | 1.0 |
| | 24.81 | AR1260 | 328104 | 0.0792 | 0.0264 | 10.0 | 30.000 | 1.0 |
| 139 | 30.99 | DCB | 221610 | 0.0205 | 0.0068 | 10.0 | 30.000 | 1.0 |
| | | | 2958097 | 0.6383 | | 40.0 | 120.000 | 4.0 |

05/20/98 17:42:21 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_012.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 79 | 17.67 | Aroclor 1254-1 | 106250 | 0.1701 | 0.0567 | 10.0 | 30.000 | 1.0 |
| 83 | 18.47 | Aroclor 1254-2 | 294377 | 0.3250 | 0.1083 | 10.0 | 30.000 | 1.0 |
| 91 | 19.81 | Aroclor 1254-3 | 274586 | 0.2996 | 0.0999 | 10.0 | 30.000 | 1.0 |
| 96 | 20.71 | Aroclor 1254-4 | 646651 | 0.6516 | 0.2172 | 10.0 | 30.000 | 1.0 |
| 105 | 22.49 | Aroclor 1254-5 | 880068 | 1.0948 | 0.3649 | 10.0 | 30.000 | 1.0 |
| | | | 2201932 | 2.5411 | | 50.0 | 150.000 | 5.0 |

Group Report For : AR1260

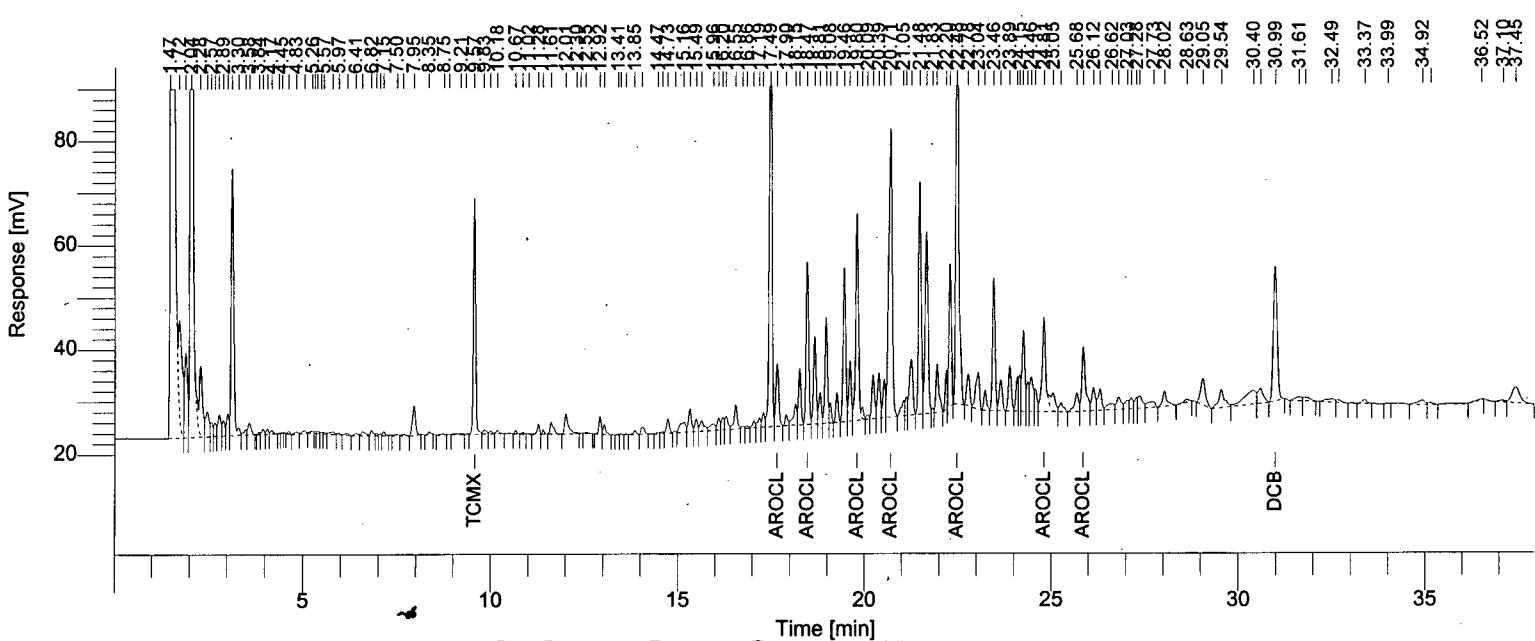
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 95 | 20.53 | Aroclor 1260-1 | 59719 | 0.0752 | 0.0251 | 10.0 | 30.000 | 1.0 |
| 117 | 24.81 | Aroclor 1260-4 | 160118 | 0.1532 | 0.0511 | 10.0 | 30.000 | 1.0 |
| 121 | 25.85 | Aroclor 1260-5 | 108267 | 0.2157 | 0.0719 | 10.0 | 30.000 | 1.0 |
| | | | 328104 | 0.4441 | | 30.0 | 90.000 | 3.0 |

Software Version : 6.0.2.G11
 Operator : ATHERTOND
 Sample Number : 013
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 18:26:43 PM

Date : 05/20/98 17:42:26 PM
 Sample Name : 6048
 Study : 9800.898
 Rack/Vial : 1/13
 Channel : A
 A/D mV Range : 1000
 End Time : 37.95 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 13

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_013.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_013.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_013.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 47 | 9.57 | TCMX | 185174 | 0.0176 | 0.0059 | 10.0 | 30.000 | 1.0 |
| | 22.48 | AR1254 | 1220748 | 0.2877 | 0.0959 | 10.0 | 30.000 | 1.0 |
| | 24.81 | AR1260 | 210899 | 0.0509 | 0.0170 | 10.0 | 30.000 | 1.0 |
| 148 | 30.99 | DCB | 184934 | 0.0171 | 0.0057 | 10.0 | 30.000 | 1.0 |
| | | | | 1801755 | 0.3734 | 40.0 | 120.000 | 4.0 |

05/20/98 17:42:26 PM Result:

\gcsv1\TCData\HP68901\May\980511320R\1a_0511_013.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 87 | 17.66 | Aroclor 1254-1 | 65699 | 0.1052 | 0.0351 | 10.0 | 30.000 | 1.0 |
| 91 | 18.47 | Aroclor 1254-2 | 150573 | 0.1662 | 0.0554 | 10.0 | 30.000 | 1.0 |
| 99 | 19.80 | Aroclor 1254-3 | 204272 | 0.2229 | 0.0743 | 10.0 | 30.000 | 1.0 |
| 105 | 20.71 | Aroclor 1254-4 | 360297 | 0.3631 | 0.1210 | 10.0 | 30.000 | 1.0 |
| 115 | 22.48 | Aroclor 1254-5 | 439907 | 0.5472 | 0.1824 | 10.0 | 30.000 | 1.0 |
| | | | 1220748 | 1.4046 | | 50.0 | 150.000 | 5.0 |

Group Report For : AR1260

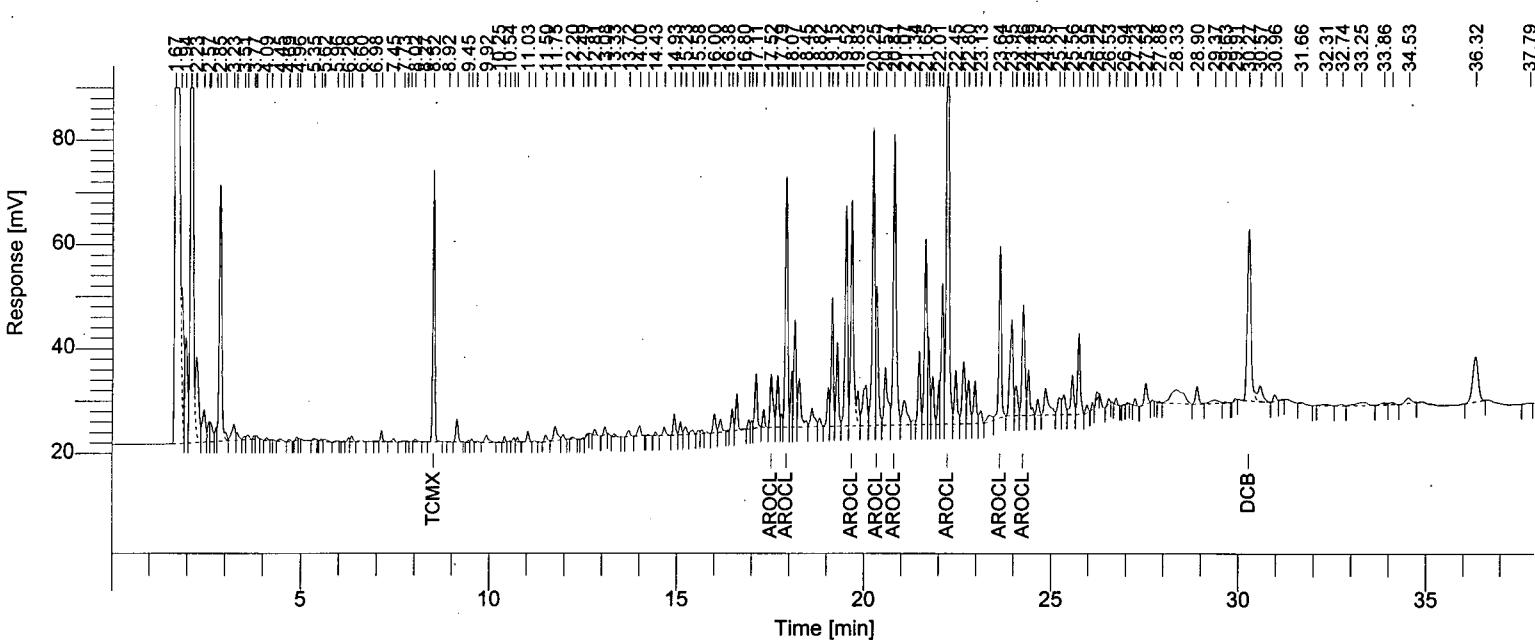
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 | 0.0000 | 10.0 | 30.000 | 1.0 |
| 128 | 24.81 | Aroclor 1260-4 | 125236 | 0.1198 | 0.0399 | 10.0 | 30.000 | 1.0 |
| 132 | 25.85 | Aroclor 1260-5 | 85663 | 0.1707 | 0.0569 | 10.0 | 30.000 | 1.0 |
| | | | 210899 | 0.2905 | | 30.0 | 90.000 | 3.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 013
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 18:26:43 PM

Date : 05/20/98 17:42:28 PM
 Sample Name : 6048
 Study : 9800.898
 Rack/Vial : 1/13
 Channel : B
 A/D mV Range : 1000
 End Time : 37.95 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 13

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_013.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_013.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_013.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 40 | 8.52 | TCMX | 184993 | 0.0171 | 0.0057 | 10.0 | 30.00 | 1.0 |
| | 22.23 | AR1254 | 1277834 | 0.3480 | 0.1160 | 10.0 | 30.00 | 1.0 |
| | 23.64 | AR1260 | 379573 | 0.0866 | 0.0289 | 10.0 | 30.00 | 1.0 |
| 149 | 30.27 | DCB | 218019 | 0.0189 | 0.0063 | 10.0 | 30.00 | 1.0 |

05/20/98 17:42:28 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_013.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 85 | 17.52 | Aroclor 1254-1 | 53830 | 0.0915 | 0.0305 | 10.0 | 30.00 | 1.0 |
| 88 | 17.92 | Aroclor 1254-2 | 218750 | 0.2884 | 0.0961 | 10.0 | 30.00 | 1.0 |
| 99 | 19.67 | Aroclor 1254-3 | 213559 | 0.2082 | 0.0694 | 10.0 | 30.00 | 1.0 |
| 105 | 20.81 | Aroclor 1254-4 | 299394 | 0.5298 | 0.1766 | 10.0 | 30.00 | 1.0 |
| 114 | 22.23 | Aroclor 1254-5 | 492301 | 0.6707 | 0.2236 | 10.0 | 30.00 | 1.0 |

Group Report For : AR1260

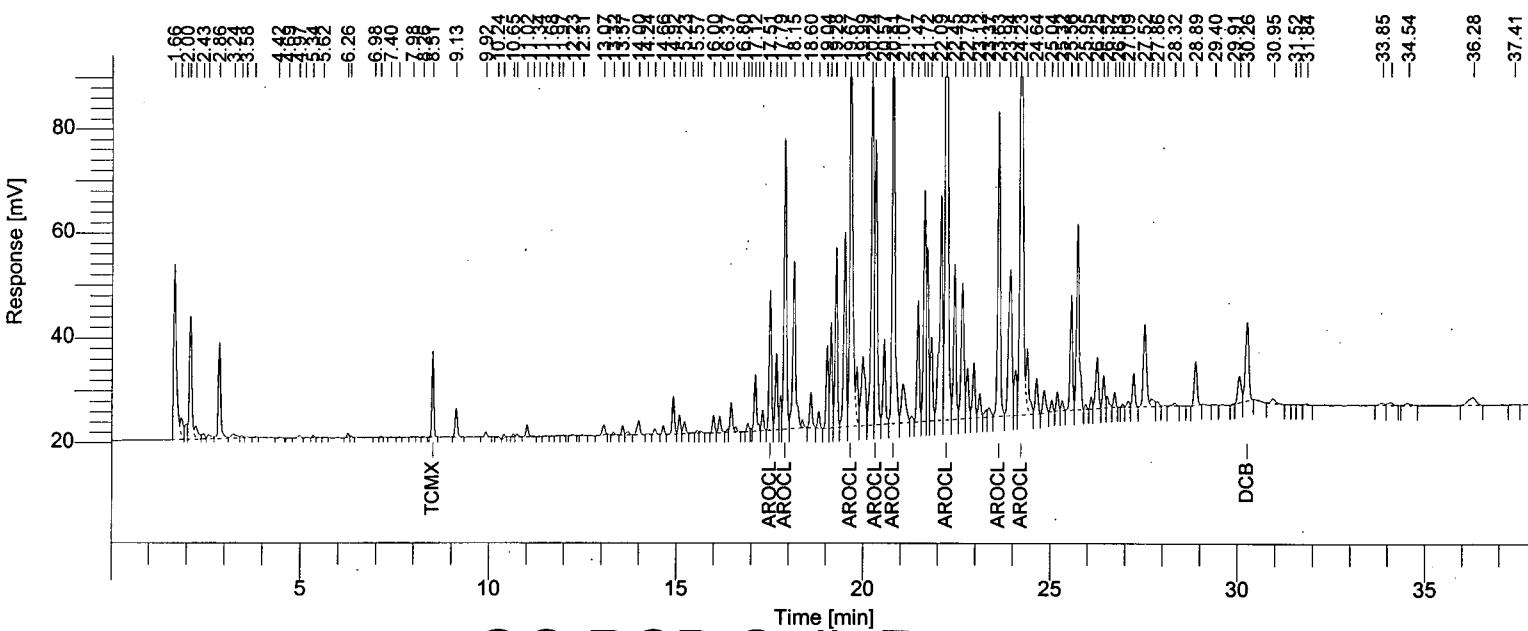
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 103 | 20.34 | Aroclor 1260-1 | 117500 | 0.1358 | 0.0453 | 10.0 | 30.00 | 1.0 |
| 121 | 23.64 | Aroclor 1260-4 | 150559 | 0.2357 | 0.0786 | 10.0 | 30.00 | 1.0 |
| 124 | 24.26 | Aroclor 1260-5 | 111514 | 0.0952 | 0.0317 | 10.0 | 30.00 | 1.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 037
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 13:39:13 PM

Date : 05/20/98 17:44:41 PM
 Sample Name : 6049 4X
 Study : 9800.898
 Rack/Vial : 1/37
 Channel : B
 A/D mV Range : 1000
 End Time : 37.97 min

Area Reject : 100.000000
 Dilution Factor : 4.00
 Cycle : 37

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_037.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_037.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_037.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 27 | 8.51 | TCMX | 56646 | 0.0052 | 0.0007 | 1.0 | 30.00 | 4.0 |
| | 22.23 | AR1254 | 1919116 | 0.5227 | 0.0697 | 1.0 | 30.00 | 4.0 |
| | 24.23 | AR1260 | 1063764 | 0.2427 | 0.0324 | 1.0 | 30.00 | 4.0 |
| 134 | 30.26 | DCB | 94040 | 0.0082 | 0.0011 | 1.0 | 30.00 | 4.0 |

05/20/98 17:44:41 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_037.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 68 | 17.51 | Aroclor 1254-1 | 116254 | 0.1977 | 0.0264 | 1.0 | 30.00 | 4.0 |
| 71 | 17.91 | Aroclor 1254-2 | 254491 | 0.3355 | 0.0447 | 1.0 | 30.00 | 4.0 |
| 80 | 19.67 | Aroclor 1254-3 | 432672 | 0.4218 | 0.0562 | 1.0 | 30.00 | 4.0 |
| 86 | 20.81 | Aroclor 1254-4 | 406563 | 0.7195 | 0.0959 | 1.0 | 30.00 | 4.0 |
| 94 | 22.23 | Aroclor 1254-5 | 709136 | 0.9660 | 0.1288 | 1.0 | 30.00 | 4.0 |

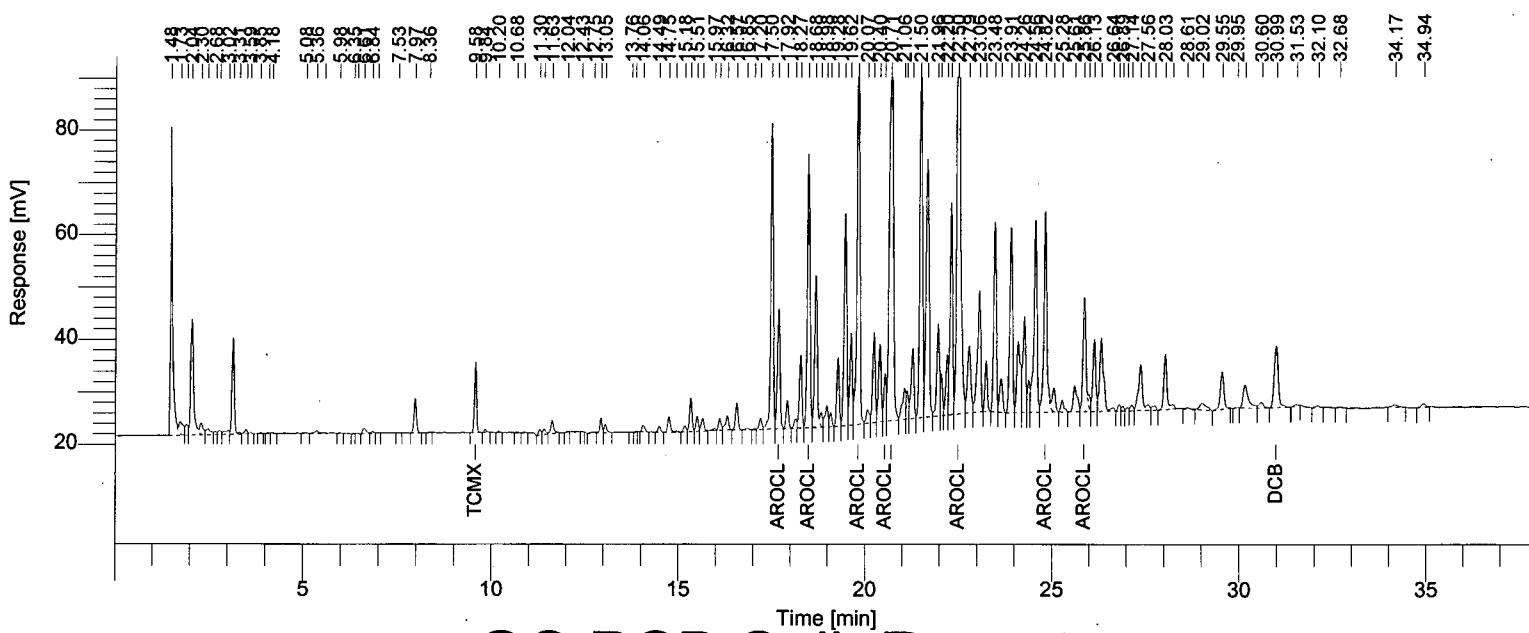
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 84 | 20.33 | Aroclor 1260-1 | 258133 | 0.2982 | 0.0398 | 1.0 | 30.00 | 4.0 |
| 102 | 23.63 | Aroclor 1260-4 | 273824 | 0.4287 | 0.0572 | 1.0 | 30.00 | 4.0 |
| 105 | 24.23 | Aroclor 1260-5 | 531807 | 0.4538 | 0.0605 | 1.0 | 30.00 | 4.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 037
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 13:39:13 PM

Date : 05/20/98 17:44:39 PM
 Sample Name : 6049 4X
 Study : 9800.898
 Rack/Vial : 1/37
 Channel : A
 A/D mV Range : 1000
 End Time : 37.97 min
 Area Reject : 100.000000
 Dilution Factor : 4.00
 Cycle : 37

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_037.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_037.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_037.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 29 | 9.58 | TCMX | 51962 | 0.0049 | 0.0066 | 10.0 | 30.000 | 4.0 |
| | 22.50 | AR1254 | 1989863 | 0.4690 | 0.6253 | 10.0 | 30.000 | 4.0 |
| | 24.82 | AR1260 | 372301 | 0.0899 | 0.1199 | 10.0 | 30.000 | 4.0 |
| | 30.99 | DCB- | 88312 | 0.0082 | 0.0109 | 10.0 | 30.000 | 4.0 |
| | | | | 2502438 | 0.5720 | 40.0 | 120.000 | 16.0 |

05/20/98 17:44:39 PM Result:

\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_037.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 60 | 17.68 | Aroclor 1254-1 | 116814 | 0.1871 | 0.2494 | 10.0 | 30.000 | 4.0 |
| 64 | 18.48 | Aroclor 1254-2 | 261931 | 0.2891 | 0.3855 | 10.0 | 30.000 | 4.0 |
| 72 | 19.82 | Aroclor 1254-3 | 389577 | 0.4250 | 0.5667 | 10.0 | 30.000 | 4.0 |
| 77 | 20.71 | Aroclor 1254-4 | 524504 | 0.5285 | 0.7047 | 10.0 | 30.000 | 4.0 |
| 87 | 22.50 | Aroclor 1254-5 | 697037 | 0.8671 | 1.1562 | 10.0 | 30.000 | 4.0 |
| | | | 1989863 | 2.2969 | | 50.0 | 150.000 | 20.0 |

Group Report For : AR1260

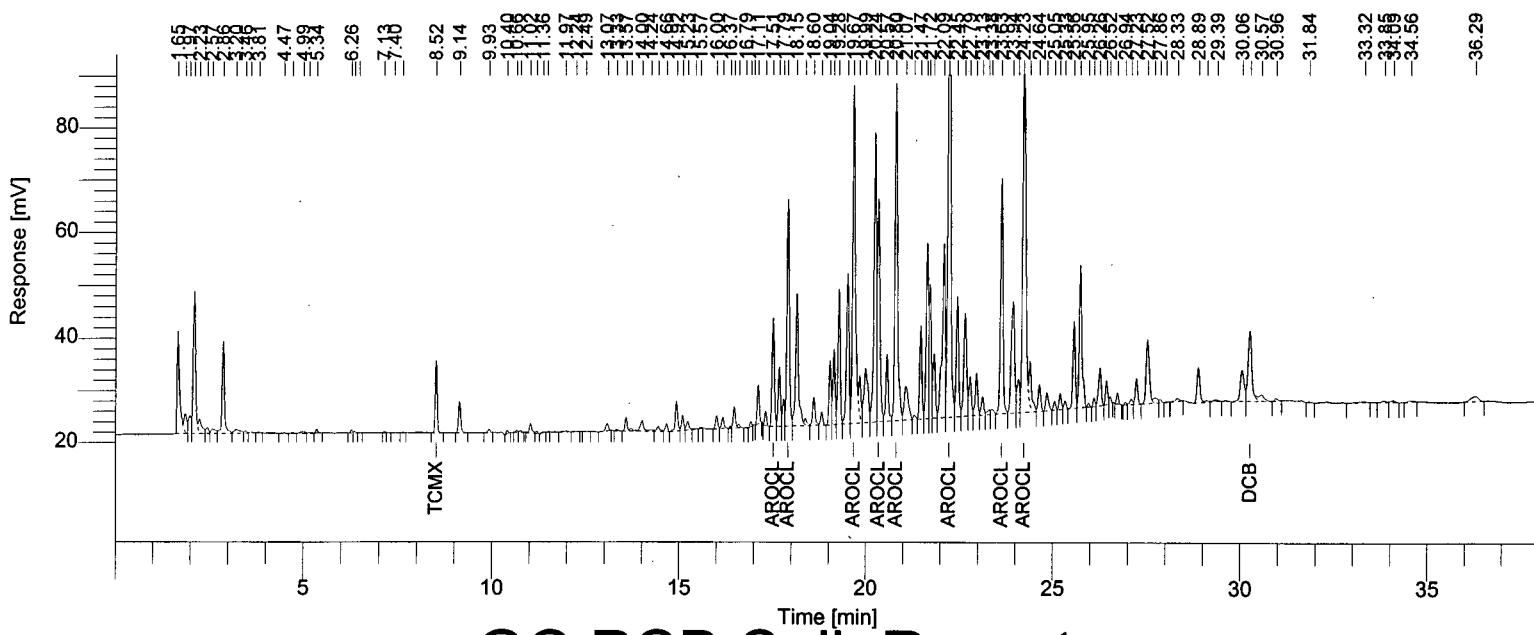
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 76 | 20.54 | Aroclor 1260-1 | 39722 | 0.0500 | 0.0667 | 10.0 | 30.000 | 4.0 |
| 98 | 24.82 | Aroclor 1260-4 | 212385 | 0.2032 | 0.2710 | 10.0 | 30.000 | 4.0 |
| 102 | 25.86 | Aroclor 1260-5 | 120194 | 0.2395 | 0.3193 | 10.0 | 30.000 | 4.0 |
| | | | 372301 | 0.4927 | | 30.0 | 90.000 | 12.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 020
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 23:25:31 PM

Date : 05/20/98 17:43:08 PM
 Sample Name : 6050 4X
 Study : 9800.898
 Rack/Vial : 1/20
 Channel : B
 A/D mV Range : 1000
 End Time : 38.00 min

Area Reject : 100.000000
 Dilution Factor : 4.00
 Cycle : 20

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_020.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_020.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_020.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 24 | 8.52 | TCMX | 48027 | 0.0044 | 0.0059 | 10.0 | 30.00 | 4.0 |
| | 22.23 | AR1254 | 1498942 | 0.4082 | 0.5443 | 10.0 | 30.00 | 4.0 |
| | 24.23 | AR1260 | 822413 | 0.1876 | 0.2502 | 10.0 | 30.00 | 4.0 |
| 124 | 30.26 | DCB | 96544 | 0.0084 | 0.0112 | 10.0 | 30.00 | 4.0 |

05/20/98 17:43:08 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_020.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 60 | 17.51 | Aroclor 1254-1 | 90128 | 0.1532 | 0.2043 | 10.0 | 30.00 | 4.0 |
| 63 | 17.91 | Aroclor 1254-2 | 198355 | 0.2615 | 0.3487 | 10.0 | 30.00 | 4.0 |
| 72 | 19.67 | Aroclor 1254-3 | 333394 | 0.3250 | 0.4333 | 10.0 | 30.00 | 4.0 |
| 78 | 20.80 | Aroclor 1254-4 | 317317 | 0.5615 | 0.7487 | 10.0 | 30.00 | 4.0 |
| 86 | 22.23 | Aroclor 1254-5 | 559749 | 0.7625 | 1.0167 | 10.0 | 30.00 | 4.0 |

Group Report For : AR1260

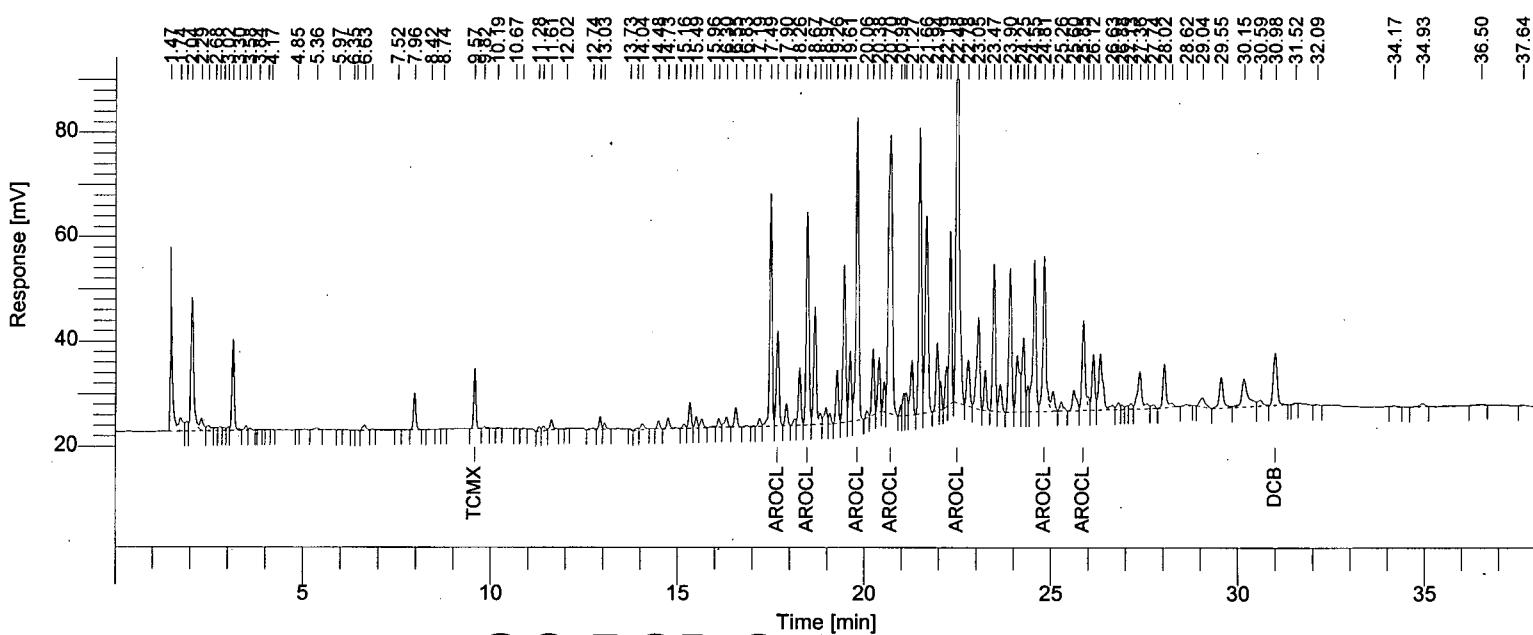
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 76 | 20.33 | Aroclor 1260-1 | 201829 | 0.2332 | 0.3109 | 10.0 | 30.00 | 4.0 |
| 94 | 23.63 | Aroclor 1260-4 | 209214 | 0.3275 | 0.4367 | 10.0 | 30.00 | 4.0 |
| 97 | 24.23 | Aroclor 1260-5 | 411370 | 0.3510 | 0.4680 | 10.0 | 30.00 | 4.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 020
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 23:25:31 PM

Date : 05/20/98 17:43:04 PM
 Sample Name : 6050 4X
 Study : 9800.898
 Rack/Vial : 1/20
 Channel : A
 A/D mV Range : 1000
 End Time : 38.00 min

Area Reject : 100.000000
 Dilution Factor : 4.00
 Cycle : 20

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_020.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_020.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_020.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 29 | 9.57 | TCMX | 44714 | 0.0043 | 0.0057 | 10.0 | 30.000 | 4.0 |
| | 22.48 | AR1254 | 1482859 | 0.3495 | 0.4660 | 10.0 | 30.000 | 4.0 |
| | 24.81 | AR1260 | 265968 | 0.0642 | 0.0856 | 10.0 | 30.000 | 4.0 |
| 121 | 30.98 | DCB | 72686 | 0.0067 | 0.0090 | 10.0 | 30.000 | 4.0 |
| | | | 1866227 | 0.4247 | | 40.0 | 120.000 | 16.0 |

05/20/98 17:43:04 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_020.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 59 | 17.67 | Aroclor 1254-1 | 93259 | 0.1493 | 0.1991 | 10.0 | 30.000 | 4.0 |
| 63 | 18.47 | Aroclor 1254-2 | 203958 | 0.2251 | 0.3002 | 10.0 | 30.000 | 4.0 |
| 71 | 19.80 | Aroclor 1254-3 | 293933 | 0.3207 | 0.4276 | 10.0 | 30.000 | 4.0 |
| 76 | 20.70 | Aroclor 1254-4 | 390238 | 0.3932 | 0.5243 | 10.0 | 30.000 | 4.0 |
| 87 | 22.48 | Aroclor 1254-5 | 501471 | 0.6238 | 0.8318 | 10.0 | 30.000 | 4.0 |
| | | | 1482859 | 1.7123 | | 50.0 | 150.000 | 20.0 |

Group Report For : AR1260

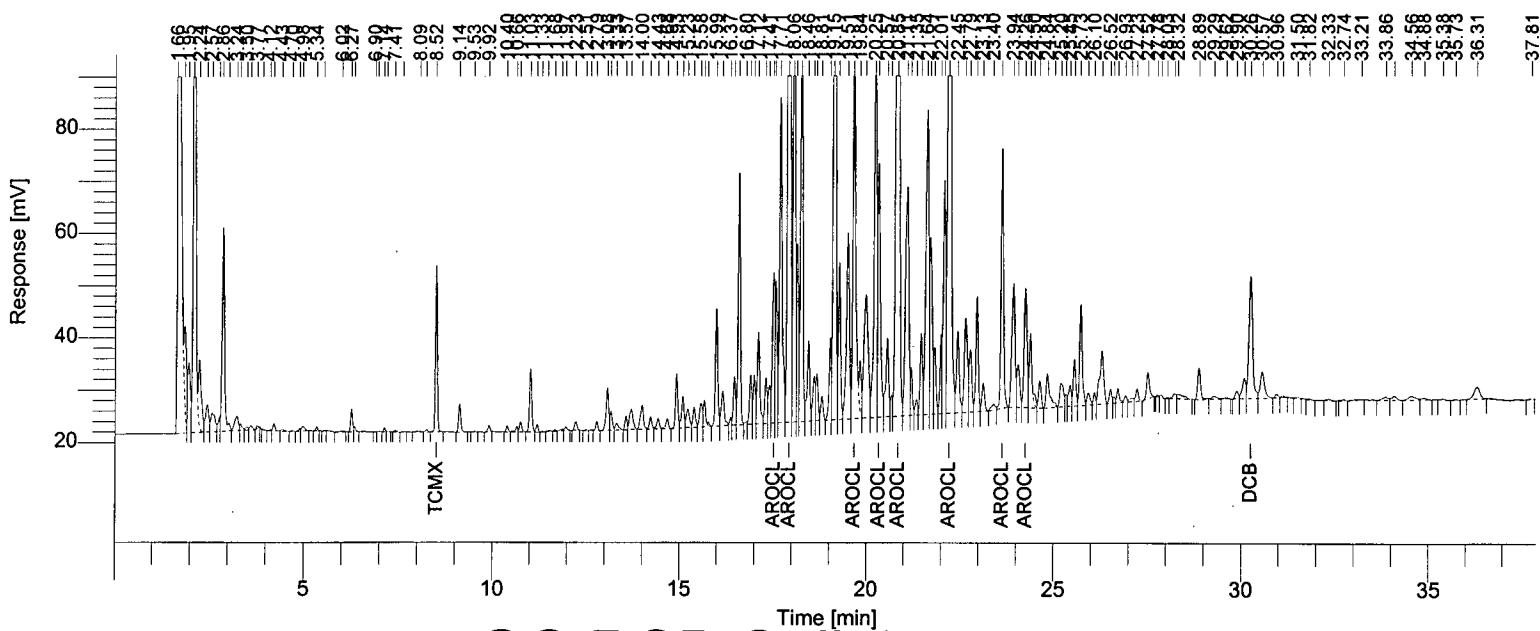
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 | 0.0000 | 10.0 | 30.000 | 4.0 |
| 98 | 24.81 | Aroclor 1260-4 | 168088 | 0.1608 | 0.2145 | 10.0 | 30.000 | 4.0 |
| 102 | 25.85 | Aroclor 1260-5 | 97880 | 0.1950 | 0.2600 | 10.0 | 30.000 | 4.0 |
| | | | 265968 | 0.3559 | | 30.0 | 90.000 | 12.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 021
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 00:08:07 AM

Date : 05/20/98 17:43:13 PM
 Sample Name : 6051 2X
 Study : 9800.898
 Rack/Vial : 1/21
 Channel : B
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 2.00
 Cycle : 21

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_021.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_021.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_021.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 36 | 8.52 | TCMX | 110917 | 0.0102 | 0.0068 | 10.0 | 30.00 | 2.0 |
| | 17.93 | AR1254 | 4023557 | 1.0958 | 0.7306 | 10.0 | 30.00 | 2.0 |
| | 23.64 | AR1260 | 584641 | 0.1334 | 0.0889 | 10.0 | 30.00 | 2.0 |
| 154 | 30.26 | DCB | 161206 | 0.0140 | 0.0093 | 10.0 | 30.00 | 2.0 |

05/20/98 17:43:13 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_021.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 81 | 17.52 | Aroclor 1254-1 | 126221 | 0.2146 | 0.1431 | 10.0 | 30.00 | 2.0 |
| 84 | 17.93 | Aroclor 1254-2 | 1421406 | 1.8739 | 1.2493 | 10.0 | 30.00 | 2.0 |
| 96 | 19.67 | Aroclor 1254-3 | 386058 | 0.3763 | 0.2509 | 10.0 | 30.00 | 2.0 |
| 103 | 20.85 | Aroclor 1254-4 | 881473 | 1.5599 | 1.0399 | 10.0 | 30.00 | 2.0 |
| 113 | 22.22 | Aroclor 1254-5 | 1208399 | 1.6462 | 1.0975 | 10.0 | 30.00 | 2.0 |

Group Report For : AR1260

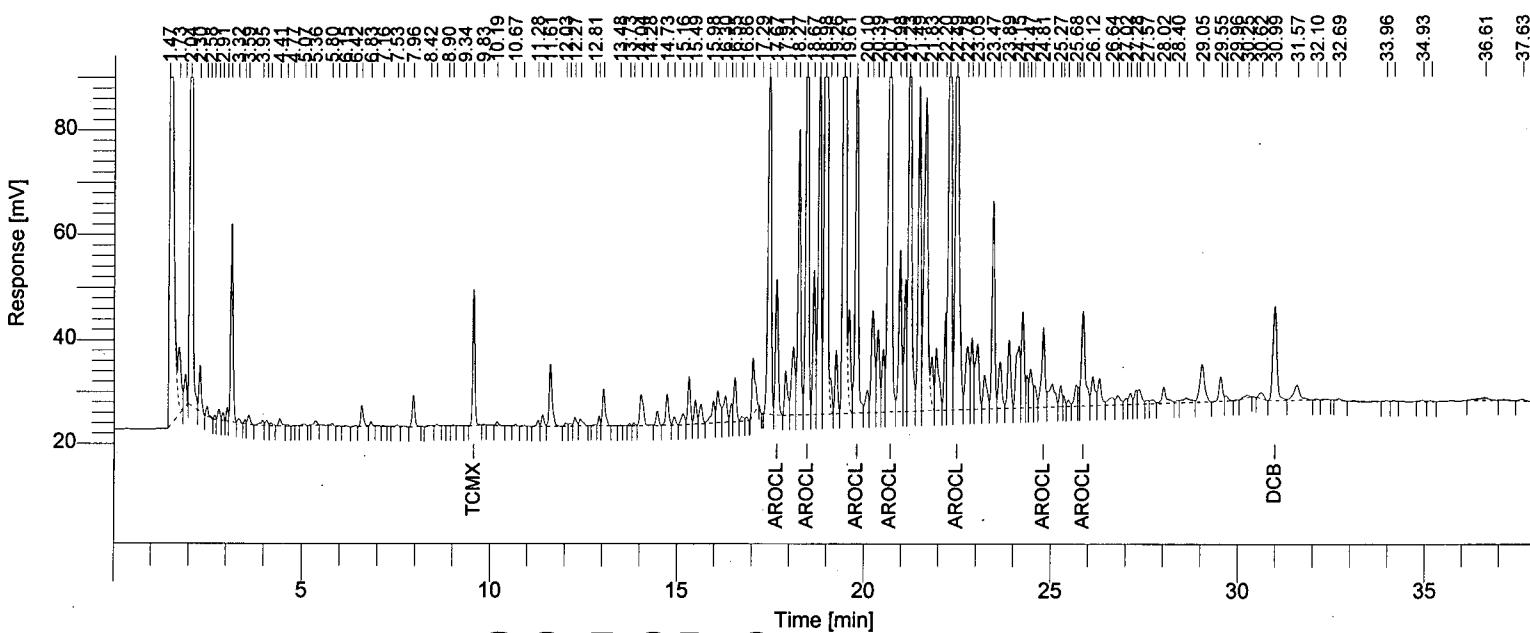
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 100 | 20.33 | Aroclor 1260-1 | 228998 | 0.2646 | 0.1764 | 10.0 | 30.00 | 2.0 |
| 120 | 23.64 | Aroclor 1260-4 | 226709 | 0.3549 | 0.2366 | 10.0 | 30.00 | 2.0 |
| 123 | 24.26 | Aroclor 1260-5 | 128934 | 0.1100 | 0.0733 | 10.0 | 30.00 | 2.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 021
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 00:08:07 AM

Date : 05/20/98 17:43:11 PM
 Sample Name : 6051 2X
 Study : 9800.898
 Rack/Vial : 1/21
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 2.00
 Cycle : 21

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_021.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_021.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_021.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 40 | 9.57 | TCMX | 103655 | 0.0099 | 0.0066 | 10.0 | 30.000 | 2.0 |
| | 18.48 | AR1254 | 2459865 | 0.5797 | 0.3865 | 10.0 | 30.000 | 2.0 |
| | 25.86 | AR1260 | 225570 | 0.0545 | 0.0363 | 10.0 | 30.000 | 2.0 |
| 144 | 30.99 | DCB | 136012 | 0.0126 | 0.0084 | 10.0 | 30.000 | 2.0 |
| | | | 2925102 | 0.6566 | | 40.0 | 120.000 | 8.0 |

05/20/98 17:43:11 PM Result:

\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_021.rst

Group Report For : AR1254

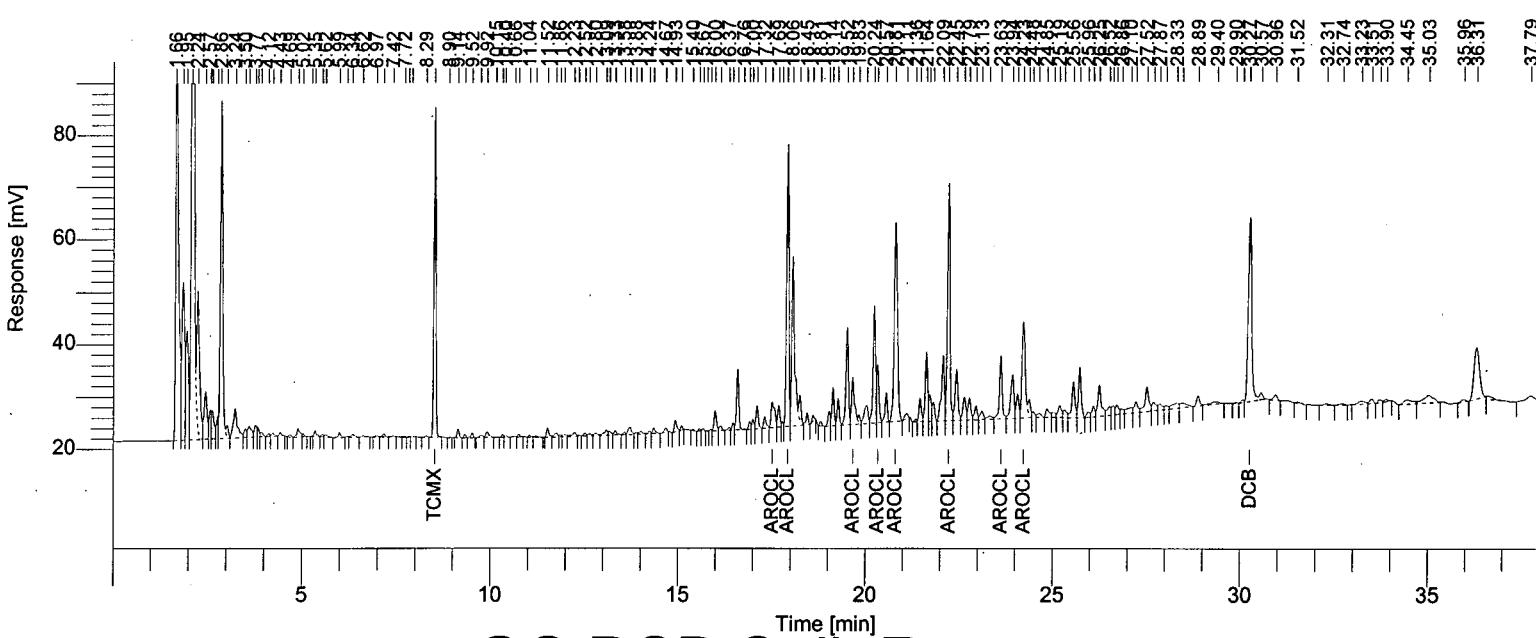
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 77 | 17.67 | Aroclor 1254-1 | 136667 | 0.2189 | 0.1459 | 10.0 | 30.000 | 2.0 |
| 81 | 18.48 | Aroclor 1254-2 | 590812 | 0.6522 | 0.4348 | 10.0 | 30.000 | 2.0 |
| 89 | 19.81 | Aroclor 1254-3 | 388866 | 0.4243 | 0.2828 | 10.0 | 30.000 | 2.0 |
| 94 | 20.71 | Aroclor 1254-4 | 626822 | 0.6316 | 0.4211 | 10.0 | 30.000 | 2.0 |
| 104 | 22.49 | Aroclor 1254-5 | 716697 | 0.8916 | 0.5944 | 10.0 | 30.000 | 2.0 |
| | | | 2459865 | 2.8185 | | 50.0 | 150.000 | 10.0 |

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 | 0.0000 | 10.0 | 30.000 | 2.0 |
| 117 | 24.81 | Aroclor 1260-4 | 96483 | 0.0923 | 0.0616 | 10.0 | 30.000 | 2.0 |
| 124 | 25.86 | Aroclor 1260-5 | 129087 | 0.2572 | 0.1715 | 10.0 | 30.000 | 2.0 |
| | | | 225570 | 0.3495 | | 30.0 | 90.000 | 6.0 |

| | | | |
|-----------------------|------------------------|-----------------|------------------------|
| Software Version | : 6.0.2:G11 | Date | : 05/20/98 17:43:18 PM |
| Operator | : ATHERTOND | Sample Name | : 6052 |
| Sample Number | : 022 | Study | : 9800.898 |
| AutoSampler | : BUILT-IN | Rack/Vial | : 1/22 |
| Instrument Name | : HP68901 | Channel | : B |
| Instrument Serial # | : NONE | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 37.95 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 ul | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 05/12/98 00:50:43 AM | Cycle | : 22 |

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_022.raw
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 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_022.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 39 | 8.52 | TCMX | 222600 | 0.0205 | 0.0068 | 10.0 | 30.00 | 1.0 |
| | 17.92 | AR1254 | 755293 | 0.2057 | 0.0686 | 10.0 | 30.00 | 1.0 |
| | 24.23 | AR1260 | 220175 | 0.0502 | 0.0167 | 10.0 | 30.00 | 1.0 |
| 155 | 30.27 | DCB | 225008 | 0.0195 | 0.0065 | 10.0 | 30.00 | 1.0 |

05/20/98 17:43:18 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_022.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 89 | 17.52 | Aroclor 1254-1 | 33187 | 0.0564 | 0.0188 | 10.0 | 30.00 | 1.0 |
| 92 | 17.92 | Aroclor 1254-2 | 229298 | 0.3023 | 0.1008 | 10.0 | 30.00 | 1.0 |
| 102 | 19.67 | Aroclor 1254-3 | 51426 | 0.0501 | 0.0167 | 10.0 | 30.00 | 1.0 |
| 108 | 20.81 | Aroclor 1254-4 | 229425 | 0.4060 | 0.1353 | 10.0 | 30.00 | 1.0 |
| 116 | 22.23 | Aroclor 1254-5 | 211957 | 0.2887 | 0.0962 | 10.0 | 30.00 | 1.0 |

Group Report For : AR1260

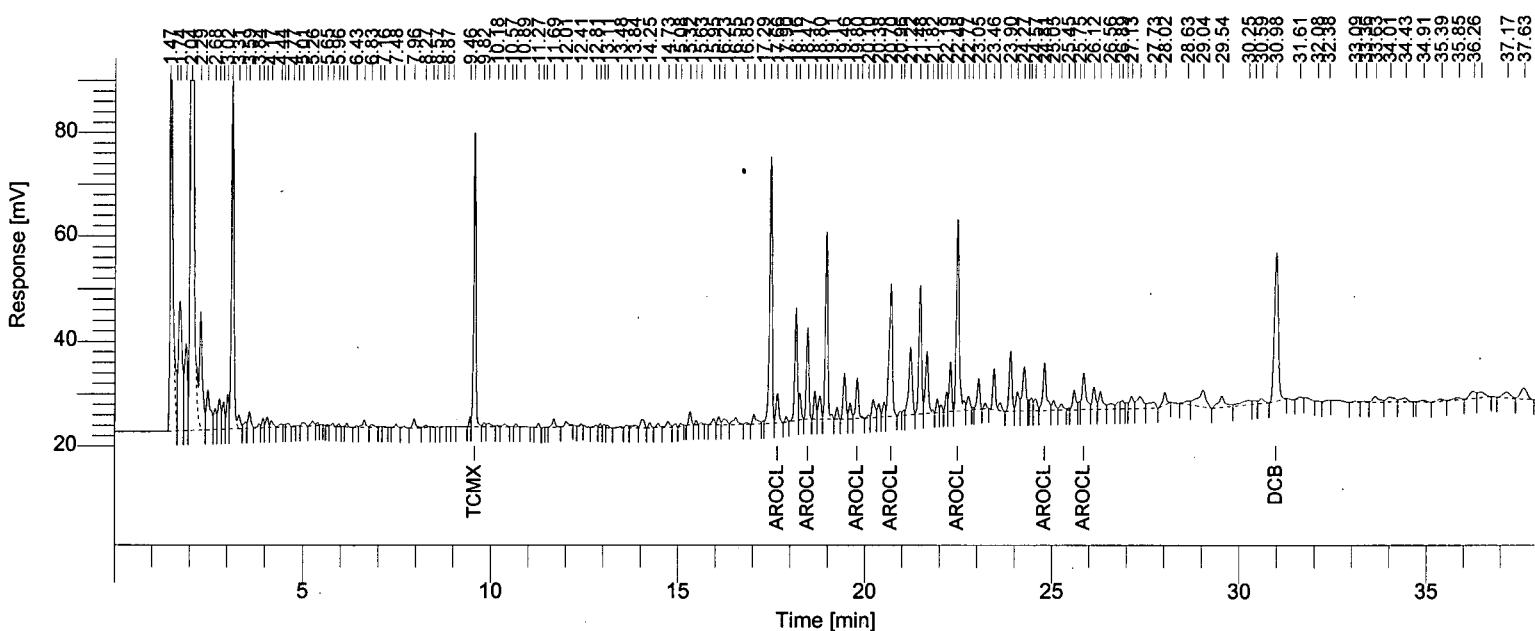
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 106 | 20.33 | Aroclor 1260-1 | 45582 | 0.0527 | 0.0176 | 10.0 | 30.00 | 1.0 |
| 123 | 23.63 | Aroclor 1260-4 | 60849 | 0.0953 | 0.0318 | 10.0 | 30.00 | 1.0 |
| 126 | 24.23 | Aroclor 1260-5 | 113745 | 0.0971 | 0.0324 | 10.0 | 30.00 | 1.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 022
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 00:50:43 AM

Date : 05/20/98 17:43:16 PM
 Sample Name : 6052
 Study : 9800.898
 Rack/Vial : 1/22
 Channel : A
 A/D mV Range : 1000
 End Time : 37.95 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 22

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_022.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_022.rst
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 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_022.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 49 | 9.57 | TCMX | 228132 | 0.0217 | 0.0072 | 10.0 | 30.000 | 1.0 |
| | 22.48 | AR1254 | 498375 | 0.1175 | 0.0392 | 10.0 | 30.000 | 1.0 |
| | 24.81 | AR1260 | 109078 | 0.0263 | 0.0088 | 10.0 | 30.000 | 1.0 |
| | 30.98 | DCB | 207690 | 0.0192 | 0.0064 | 10.0 | 30.000 | 1.0 |
| | | | | 1043274 | 0.1847 | 40.0 | 120.000 | 4.0 |

05/20/98 17:43:16 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_022.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 87 | 17.66 | Aroclor 1254-1 | 30490 | 0.0488 | 0.0163 | 10.0 | 30.000 | 1.0 |
| 91 | 18.47 | Aroclor 1254-2 | 80203 | 0.0885 | 0.0295 | 10.0 | 30.000 | 1.0 |
| 99 | 19.80 | Aroclor 1254-3 | 38797 | 0.0423 | 0.0141 | 10.0 | 30.000 | 1.0 |
| 105 | 20.70 | Aroclor 1254-4 | 156143 | 0.1573 | 0.0524 | 10.0 | 30.000 | 1.0 |
| 116 | 22.48 | Aroclor 1254-5 | 192741 | 0.2398 | 0.0799 | 10.0 | 30.000 | 1.0 |
| | | | 498375 | 0.5768 | | 50.0 | 150.000 | 5.0 |

Group Report For : AR1260

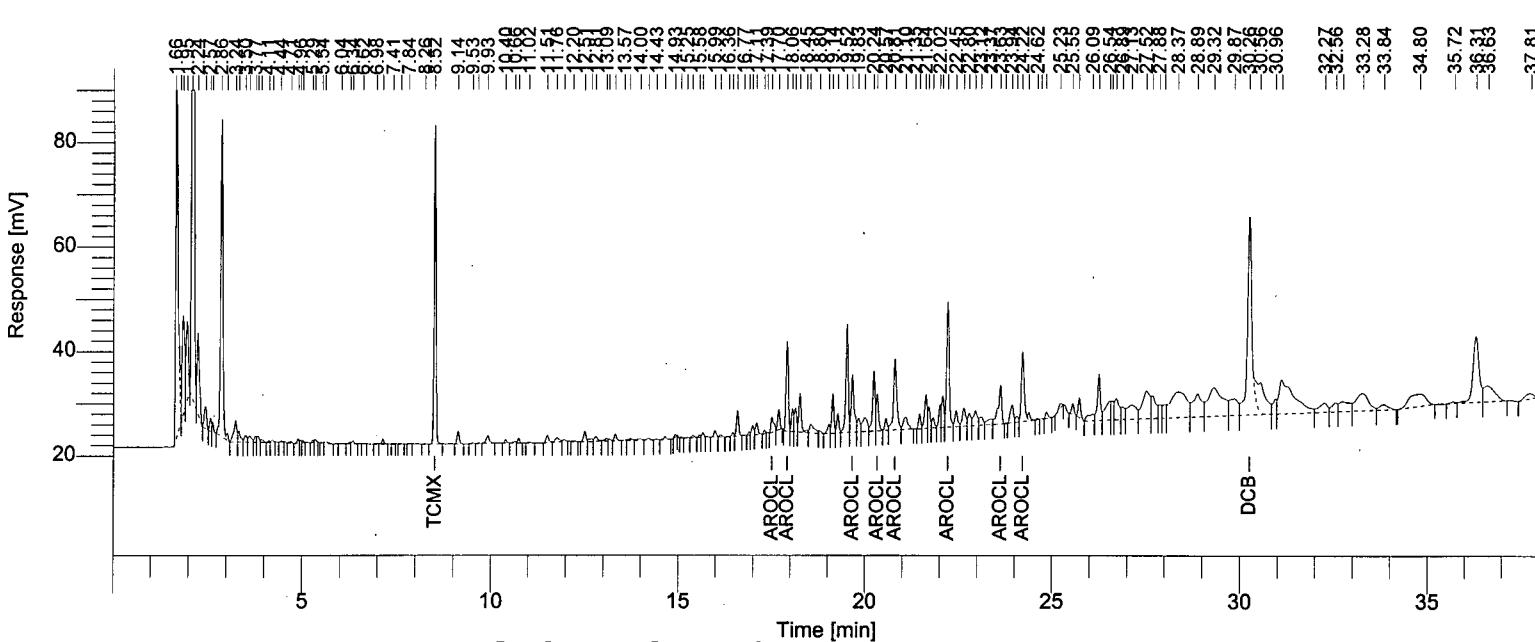
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 | 0.0000 | 10.0 | 30.000 | 1.0 |
| 130 | 24.81 | Aroclor 1260-4 | 59169 | 0.0566 | 0.0189 | 10.0 | 30.000 | 1.0 |
| 136 | 25.85 | Aroclor 1260-5 | 49909 | 0.0994 | 0.0331 | 10.0 | 30.000 | 1.0 |
| | | | 109078 | 0.1561 | | 30.0 | 90.000 | 3.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 023
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 01:33:29 AM

Date : 05/20/98 17:43:23 PM
 Sample Name : 6053
 Study : 9800.898
 Rack/Vial : 1/23
 Channel : B
 A/D mV Range : 1000
 End Time : 37.98 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 23

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_023.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_023.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_023.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 40 | 8.52 | TCMX | 213767 | 0.0197 | 0.0066 | 10.0 | 30.00 | 1.0 |
| | 22.22 | AR1254 | 349749 | 0.0953 | 0.0318 | 10.0 | 30.00 | 1.0 |
| | 24.22 | AR1260 | 153849 | 0.0351 | 0.0117 | 10.0 | 30.00 | 1.0 |
| 144 | 30.26 | DCB | 319961 | 0.0277 | 0.0092 | 10.0 | 30.00 | 1.0 |

05/20/98 17:43:23 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_023.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 82 | 17.51 | Aroclor 1254-1 | 15764 | 0.0268 | 0.0089 | 10.0 | 30.00 | 1.0 |
| 84 | 17.92 | Aroclor 1254-2 | 72929 | 0.0961 | 0.0320 | 10.0 | 30.00 | 1.0 |
| 95 | 19.67 | Aroclor 1254-3 | 59813 | 0.0583 | 0.0194 | 10.0 | 30.00 | 1.0 |
| 101 | 20.81 | Aroclor 1254-4 | 83841 | 0.1484 | 0.0495 | 10.0 | 30.00 | 1.0 |
| 110 | 22.22 | Aroclor 1254-5 | 117403 | 0.1599 | 0.0533 | 10.0 | 30.00 | 1.0 |

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 99 | 20.33 | Aroclor 1260-1 | 31153 | 0.0360 | 0.0120 | 10.0 | 30.00 | 1.0 |
| 117 | 23.63 | Aroclor 1260-4 | 49809 | 0.0780 | 0.0260 | 10.0 | 30.00 | 1.0 |
| 121 | 24.22 | Aroclor 1260-5 | 72887 | 0.0622 | 0.0207 | 10.0 | 30.00 | 1.0 |

| | | | |
|-----------------------|------------------------|-----------------|------------------------|
| Software Version | : 6.0.2:G11 | Date | : 05/20/98 17:43:21 PM |
| Operator | : ATHERTOND | Sample Name | : 6053 |
| Sample Number | : 023 | Study | : 9800.898 |
| AutoSampler | : BUILT-IN | Rack/Vial | : 1/23 |
| Instrument Name | : HP68901 | Channel | : A |
| Instrument Serial # | : NONE | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 37.98 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 ul | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 05/12/98 01:33:29 AM | Cycle | : 23 |

Raw Data File : \\gcsvr1\TCData\HP68901\May\980511320R\1a_0511_023.raw

Result File : \\gcsvr1\TCData\HP68901\May\980511320R\1a_0511_023.rst

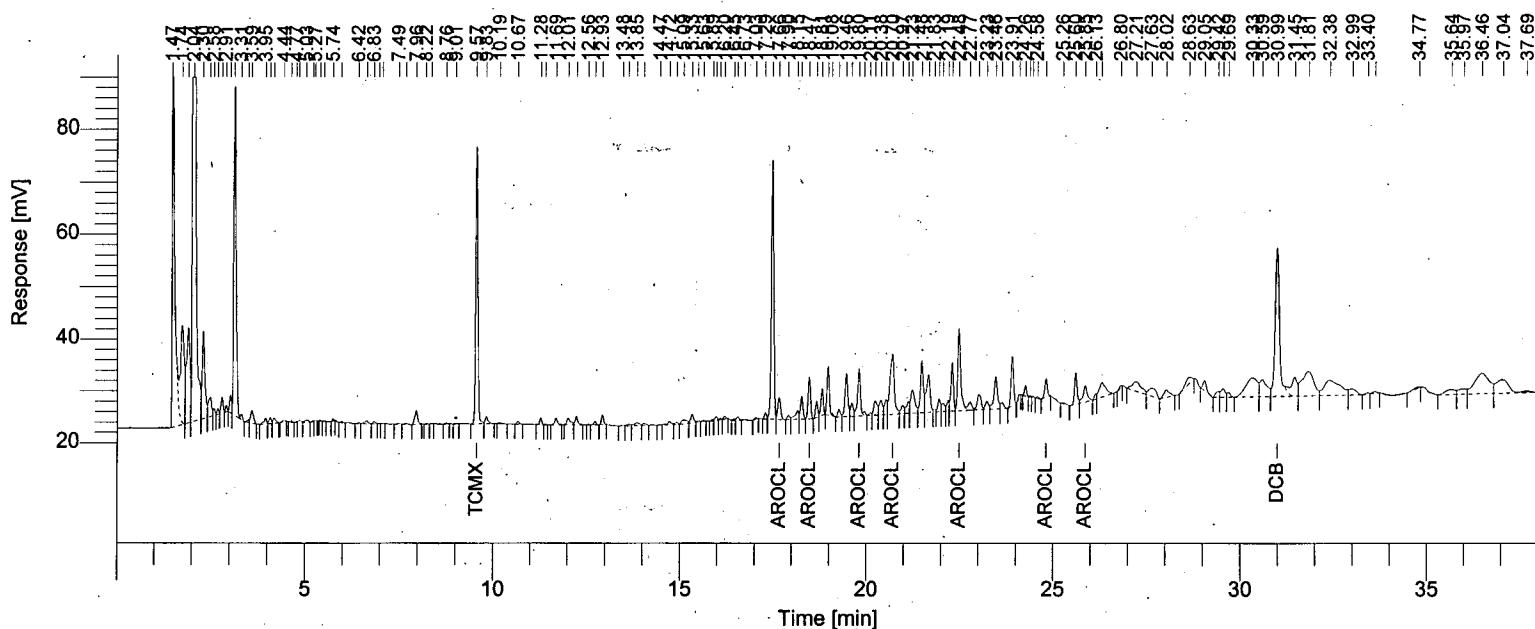
Inst Method : \\gcsvr1\TCData\hp68901\methods\6811a_clp_acq from

\\gcsvr1\TCData\HP68901\May\980511320R\1a_0511_023.rst

Proc Method : \\gcsvr1\TCData\hp68901\methods\681a_ar5460_0429.mth

Calib Method : \\gcsvr1\TCData\hp68901\methods\681a_ar5460_0429.mth

Sequence File : \\gcsvr1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 42 | 9.57 | TCMX | 213656 | 0.0203 | 0.0068 | 10.0 | 30.000 | 1.0 |
| | 22.48 | AR1254 | 289862 | 0.0683 | 0.0228 | 10.0 | 30.000 | 1.0 |
| | 24.81 | AR1260 | 41943 | 0.0101 | 0.0034 | 10.0 | 30.000 | 1.0 |
| 133 | 30.99 | DCB | 238015 | 0.0220 | 0.0073 | 10.0 | 30.000 | 1.0 |
| | | | 783476 | 0.1208 | | 40.0 | 120.000 | 4.0 |

05/20/98 17:43:21 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_023.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 75 | 17.66 | Aroclor 1254-1 | 22709 | 0.0364 | 0.0121 | 10.0 | 30.000 | 1.0 |
| 79 | 18.47 | Aroclor 1254-2 | 37219 | 0.0411 | 0.0137 | 10.0 | 30.000 | 1.0 |
| 87 | 19.80 | Aroclor 1254-3 | 48014 | 0.0524 | 0.0175 | 10.0 | 30.000 | 1.0 |
| 93 | 20.70 | Aroclor 1254-4 | 93215 | 0.0939 | 0.0313 | 10.0 | 30.000 | 1.0 |
| 104 | 22.48 | Aroclor 1254-5 | 88706 | 0.1104 | 0.0368 | 10.0 | 30.000 | 1.0 |
| | | | 289862 | 0.3341 | | 50.0 | 150.000 | 5.0 |

Group Report For : AR1260

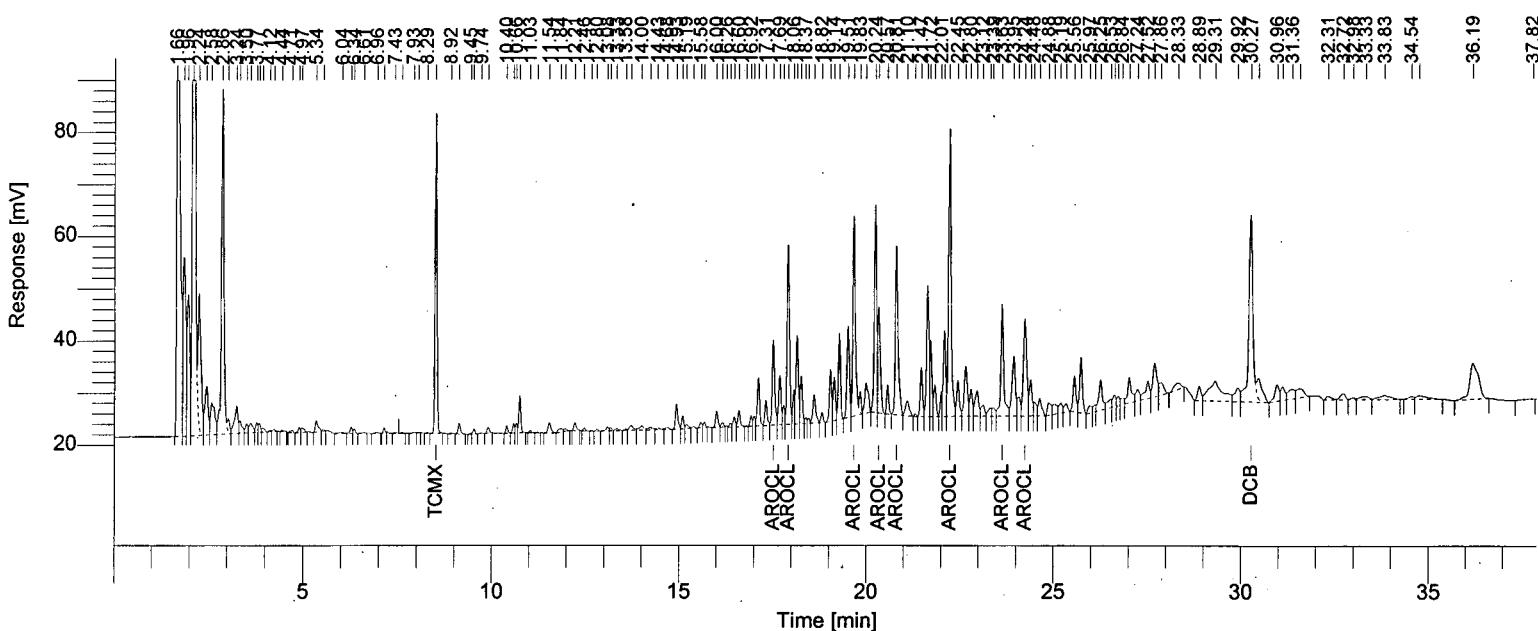
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 | 0.0000 | 10.0 | 30.000 | 1.0 |
| 116 | 24.81 | Aroclor 1260-4 | 16955 | 0.0162 | 0.0054 | 10.0 | 30.000 | 1.0 |
| 119 | 25.85 | Aroclor 1260-5 | 24988 | 0.0498 | 0.0166 | 10.0 | 30.000 | 1.0 |
| | | | 41943 | 0.0660 | | 30.0 | 90.000 | 3.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 024
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 02:16:07 AM

Date : 05/20/98 17:43:28 PM
 Sample Name : 6054
 Study : 9800.898
 Rack/Vial : 1/24
 Channel : B
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 24

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_024.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_024.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_024.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 36 | 8.52 | TCMX | 214630 | 0.0198 | 0.0066 | 10.0 | 30.00 | 1.0 |
| | 22.23 | AR1254 | 849123 | 0.2313 | 0.0771 | 10.0 | 30.00 | 1.0 |
| | 23.63 | AR1260 | 327491 | 0.0747 | 0.0249 | 10.0 | 30.00 | 1.0 |
| 149 | 30.27 | DCB | 276966 | 0.0240 | 0.0080 | 10.0 | 30.00 | 1.0 |

05/20/98 17:43:28 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_024.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 82 | 17.51 | Aroclor 1254-1 | 75970 | 0.1292 | 0.0431 | 10.0 | 30.00 | 1.0 |
| 85 | 17.91 | Aroclor 1254-2 | 157095 | 0.2071 | 0.0690 | 10.0 | 30.00 | 1.0 |
| 97 | 19.67 | Aroclor 1254-3 | 182812 | 0.1782 | 0.0594 | 10.0 | 30.00 | 1.0 |
| 103 | 20.81 | Aroclor 1254-4 | 165979 | 0.2937 | 0.0979 | 10.0 | 30.00 | 1.0 |
| 112 | 22.23 | Aroclor 1254-5 | 267267 | 0.3641 | 0.1214 | 10.0 | 30.00 | 1.0 |

Group Report For : AR1260

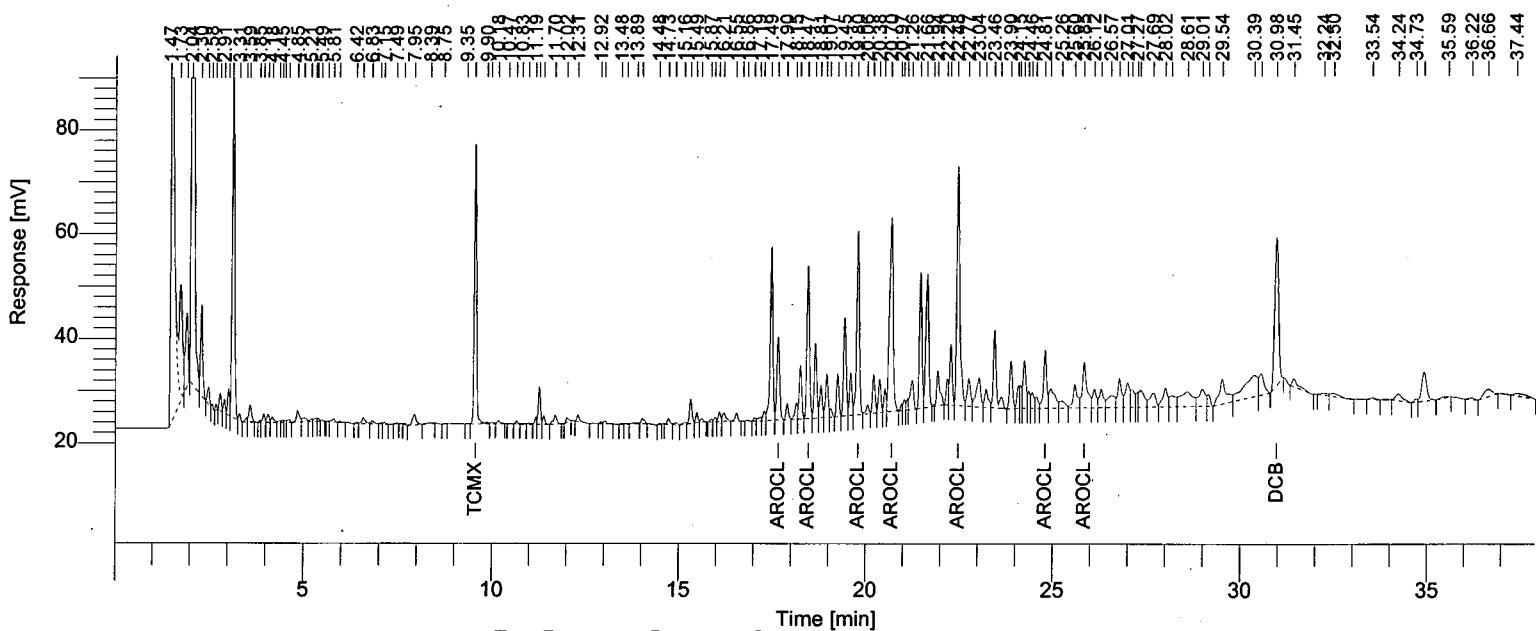
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 101 | 20.33 | Aroclor 1260-1 | 91939 | 0.1062 | 0.0354 | 10.0 | 30.00 | 1.0 |
| 120 | 23.63 | Aroclor 1260-4 | 117835 | 0.1845 | 0.0615 | 10.0 | 30.00 | 1.0 |
| 123 | 24.24 | Aroclor 1260-5 | 117717 | 0.1004 | 0.0335 | 10.0 | 30.00 | 1.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 024
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 02:16:07 AM

Date : 05/20/98 17:43:26 PM
 Sample Name : 6054
 Study : 9800.898
 Rack/Vial : 1/24
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 24

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_024.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_024.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_024.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 44 | 9.57 | TCMX | 217577 | 0.0207 | 0.0069 | 10.0 | 30.000 | 1.0 |
| | 22.48 | AR1254 | 910157 | 0.2145 | 0.0715 | 10.0 | 30.000 | 1.0 |
| | 24.81 | AR1260 | 139182 | 0.0336 | 0.0112 | 10.0 | 30.000 | 1.0 |
| 145 | 30.98 | DCB | 205528 | 0.0190 | 0.0063 | 10.0 | 30.000 | 1.0 |
| | | | 1472444 | 0.2878 | | 40.0 | 120.000 | 4.0 |

05/20/98 17:43:26 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_024.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 82 | 17.66 | Aroclor 1254-1 | 83047 | 0.1330 | 0.0443 | 10.0 | 30.000 | 1.0 |
| 86 | 18.47 | Aroclor 1254-2 | 143643 | 0.1586 | 0.0529 | 10.0 | 30.000 | 1.0 |
| 94 | 19.80 | Aroclor 1254-3 | 176703 | 0.1928 | 0.0643 | 10.0 | 30.000 | 1.0 |
| 99 | 20.70 | Aroclor 1254-4 | 248564 | 0.2505 | 0.0835 | 10.0 | 30.000 | 1.0 |
| 110 | 22.48 | Aroclor 1254-5 | 258200 | 0.3212 | 0.1071 | 10.0 | 30.000 | 1.0 |
| | | | 910157 | 1.0560 | | 50.0 | 150.000 | 5.0 |

Group Report For : AR1260

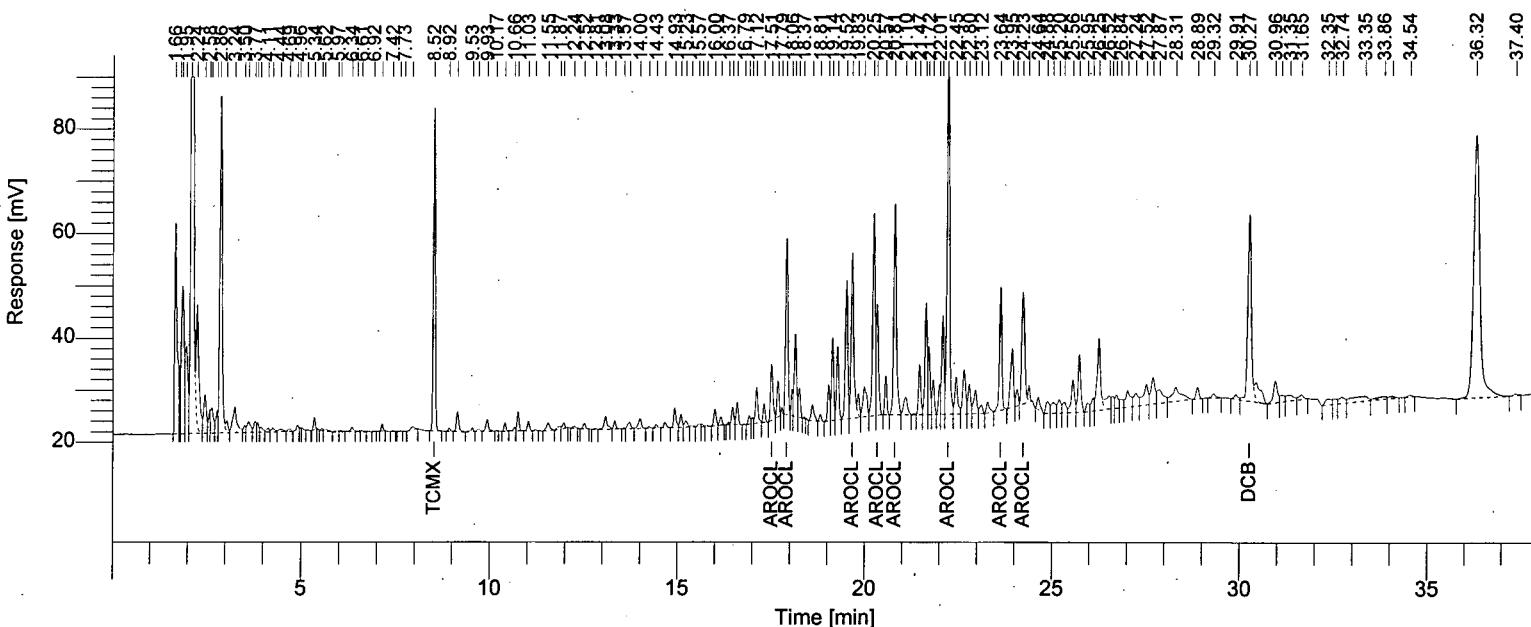
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 | 0.0000 | 10.0 | 30.000 | 1.0 |
| 123 | 24.81 | Aroclor 1260-4 | 63901 | 0.0611 | 0.0204 | 10.0 | 30.000 | 1.0 |
| 127 | 25.85 | Aroclor 1260-5 | 75281 | 0.1500 | 0.0500 | 10.0 | 30.000 | 1.0 |
| | | | 139182 | 0.2111 | | 30.0 | 90.000 | 3.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 025
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 02:58:47 AM

Date : 05/20/98 17:43:34 PM
 Sample Name : 6055
 Study : 9800.898
 Rack/Vial : 1/25
 Channel : B
 A/D mV Range : 1000
 End Time : 37.95 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 25

Raw Data File : \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_025.raw
 Result File : \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_025.rst
 Inst Method : \\gcsrv1\TCDATA\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_025.rst
 Proc Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCDATA\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 40 | 8.52 | TCMX | 218101 | 0.0201 | 0.0067 | 10.0 | 30.00 | 1.0 |
| | 22.23 | AR1254 | 894536 | 0.2436 | 0.0812 | 10.0 | 30.00 | 1.0 |
| | 23.64 | AR1260 | 322353 | 0.0735 | 0.0245 | 10.0 | 30.00 | 1.0 |
| 147 | 30.27 | DCB | 239617 | 0.0208 | 0.0069 | 10.0 | 30.00 | 1.0 |

05/20/98 17:43:34 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_025.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 83 | 17.51 | Aroclor 1254-1 | 49092 | 0.0835 | 0.0278 | 10.0 | 30.00 | 1.0 |
| 86 | 17.91 | Aroclor 1254-2 | 146227 | 0.1928 | 0.0643 | 10.0 | 30.00 | 1.0 |
| 97 | 19.67 | Aroclor 1254-3 | 156265 | 0.1523 | 0.0508 | 10.0 | 30.00 | 1.0 |
| 103 | 20.81 | Aroclor 1254-4 | 203554 | 0.3602 | 0.1201 | 10.0 | 30.00 | 1.0 |
| 112 | 22.23 | Aroclor 1254-5 | 339398 | 0.4624 | 0.1541 | 10.0 | 30.00 | 1.0 |

Group Report For : AR1260

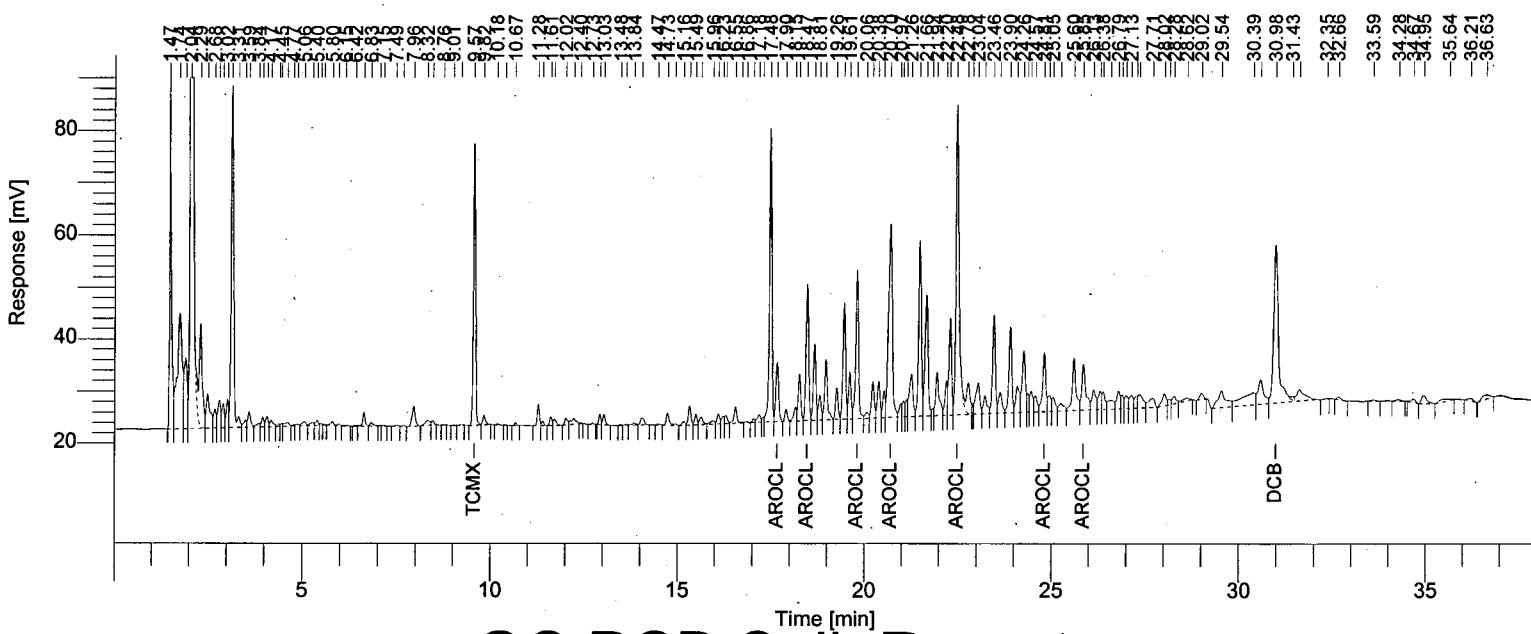
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 101 | 20.33 | Aroclor 1260-1 | 93663 | 0.1082 | 0.0361 | 10.0 | 30.00 | 1.0 |
| 119 | 23.64 | Aroclor 1260-4 | 105033 | 0.1644 | 0.0548 | 10.0 | 30.00 | 1.0 |
| 122 | 24.23 | Aroclor 1260-5 | 123657 | 0.1055 | 0.0352 | 10.0 | 30.00 | 1.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 025
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 02:58:47 AM

Date : 05/20/98 17:43:31 PM
 Sample Name : 6055
 Study : 9800.898
 Rack/Vial : 1/25
 Channel : A
 A/D mV Range : 1000
 End Time : 37.95 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 25

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_025.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_025.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_025.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 45 | 9.57 | TCMX | 218451 | 0.0208 | 0.0069 | 10.0 | 30.000 | 1.0 |
| | 22.48 | AR1254 | 953433 | 0.2247 | 0.0749 | 10.0 | 30.000 | 1.0 |
| | 24.81 | AR1260 | 133105 | 0.0321 | 0.0107 | 10.0 | 30.000 | 1.0 |
| 147 | 30.98 | DCB | 272056 | 0.0252 | 0.0084 | 10.0 | 30.000 | 1.0 |
| | | | 1577047 | 0.3028 | | 40.0 | 120.000 | 4.0 |

05/20/98 17:43:31 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_025.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 82 | 17.66 | Aroclor 1254-1 | 60411 | 0.0967 | 0.0322 | 10.0 | 30.000 | 1.0 |
| 86 | 18.47 | Aroclor 1254-2 | 130127 | 0.1436 | 0.0479 | 10.0 | 30.000 | 1.0 |
| 93 | 19.80 | Aroclor 1254-3 | 148128 | 0.1616 | 0.0539 | 10.0 | 30.000 | 1.0 |
| 98 | 20.70 | Aroclor 1254-4 | 263237 | 0.2653 | 0.0884 | 10.0 | 30.000 | 1.0 |
| 109 | 22.48 | Aroclor 1254-5 | 351530 | 0.4373 | 0.1458 | 10.0 | 30.000 | 1.0 |
| | | | 953433 | 1.1046 | | 50.0 | 150.000 | 5.0 |

Group Report For : AR1260

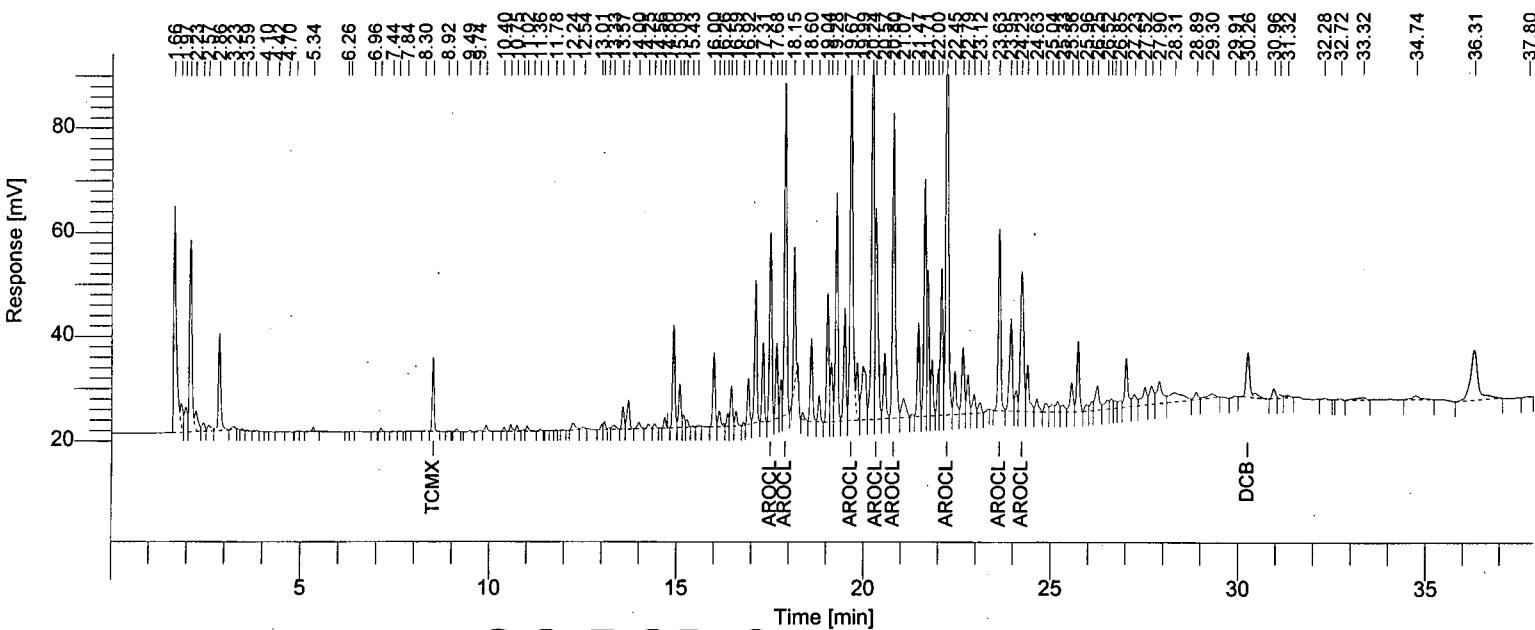
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 | 0.0000 | 10.0 | 30.000 | 1.0 |
| 122 | 24.81 | Aroclor 1260-4 | 66556 | 0.0637 | 0.0212 | 10.0 | 30.000 | 1.0 |
| 127 | 25.85 | Aroclor 1260-5 | 66549 | 0.1326 | 0.0442 | 10.0 | 30.000 | 1.0 |
| | | | 133105 | 0.1963 | | 30.0 | 90.000 | 3.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 026
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 03:41:24 AM

Date : 05/20/98 17:43:42 PM
 Sample Name : 6056 5X
 Study : 9800.898
 Rack/Vial : 1/26
 Channel : B
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 5.00
 Cycle : 26

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_026.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_026.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_026.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 26 | 8.51 | TCMX | 48978 | 0.0045 | 0.0075 | 10.0 | 30.00 | 5.0 |
| | 20.33 | AR1260 | 519674 | 0.1186 | 0.1976 | 10.0 | 30.00 | 5.0 |
| | 22.23 | AR1254 | 1570347 | 0.4277 | 0.7128 | 10.0 | 30.00 | 5.0 |
| 134 | 30.26 | DCB | 55107 | 0.0048 | 0.0080 | 10.0 | 30.00 | 5.0 |

05/20/98 17:43:42 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_026.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 72 | 17.51 | Aroclor 1254-1 | 156760 | 0.2665 | 0.4442 | 10.0 | 30.00 | 5.0 |
| 75 | 17.91 | Aroclor 1254-2 | 281381 | 0.3710 | 0.6183 | 10.0 | 30.00 | 5.0 |
| 84 | 19.67 | Aroclor 1254-3 | 390992 | 0.3811 | 0.6352 | 10.0 | 30.00 | 5.0 |
| 90 | 20.80 | Aroclor 1254-4 | 298244 | 0.5278 | 0.8796 | 10.0 | 30.00 | 5.0 |
| 99 | 22.23 | Aroclor 1254-5 | 442970 | 0.6034 | 1.0057 | 10.0 | 30.00 | 5.0 |

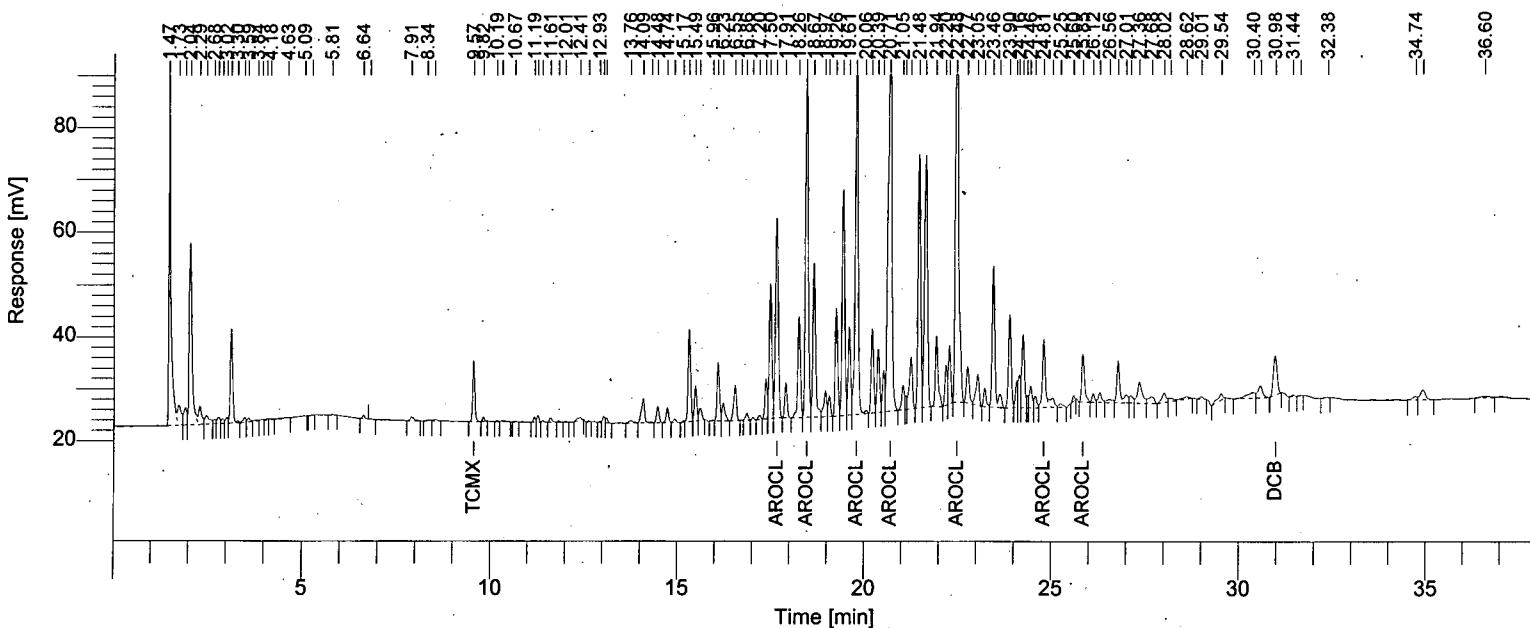
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 88 | 20.33 | Aroclor 1260-1 | 202354 | 0.2338 | 0.3897 | 10.0 | 30.00 | 5.0 |
| 106 | 23.63 | Aroclor 1260-4 | 156131 | 0.2444 | 0.4074 | 10.0 | 30.00 | 5.0 |
| 109 | 24.23 | Aroclor 1260-5 | 161189 | 0.1375 | 0.2292 | 10.0 | 30.00 | 5.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 026
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 μ l
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 03:41:24 AM

Date : 05/20/98 17:43:38 PM
 Sample Name : 6056 5X
 Study : 9800.898
 Rack/Vial : 1/26
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min
 Area Reject : 100.000000
 Dilution Factor : 5.00
 Cycle : 26

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_026.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_026.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_026.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2 μ l Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 28 | 9.57 | TCMX | 46127 | 0.0044 | 0.0073 | 10.0 | 30.000 | 5.0 |
| | 22.48 | AR1254 | 1904519 | 0.4488 | 0.7481 | 10.0 | 30.000 | 5.0 |
| | 24.81 | AR1260 | 122730 | 0.0296 | 0.0494 | 10.0 | 30.000 | 5.0 |
| 121 | 30.98 | DCB | 52676 | 0.0049 | 0.0081 | 10.0 | 30.000 | 5.0 |
| | | | 2126052 | 0.4877 | | 40.0 | 120.000 | 20.0 |

05/20/98 17:43:38 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_026.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 64 | 17.67 | Aroclor 1254-1 | 205974 | 0.3298 | 0.5497 | 10.0 | 30.000 | 5.0 |
| 67 | 18.47 | Aroclor 1254-2 | 339150 | 0.3744 | 0.6240 | 10.0 | 30.000 | 5.0 |
| 74 | 19.80 | Aroclor 1254-3 | 369198 | 0.4028 | 0.6714 | 10.0 | 30.000 | 5.0 |
| 79 | 20.71 | Aroclor 1254-4 | 510688 | 0.5146 | 0.8577 | 10.0 | 30.000 | 5.0 |
| 88 | 22.48 | Aroclor 1254-5 | 479509 | 0.5965 | 0.9942 | 10.0 | 30.000 | 5.0 |
| | | | 1904519 | 2.2182 | | 50.0 | 150.000 | 25.0 |

Group Report For : AR1260

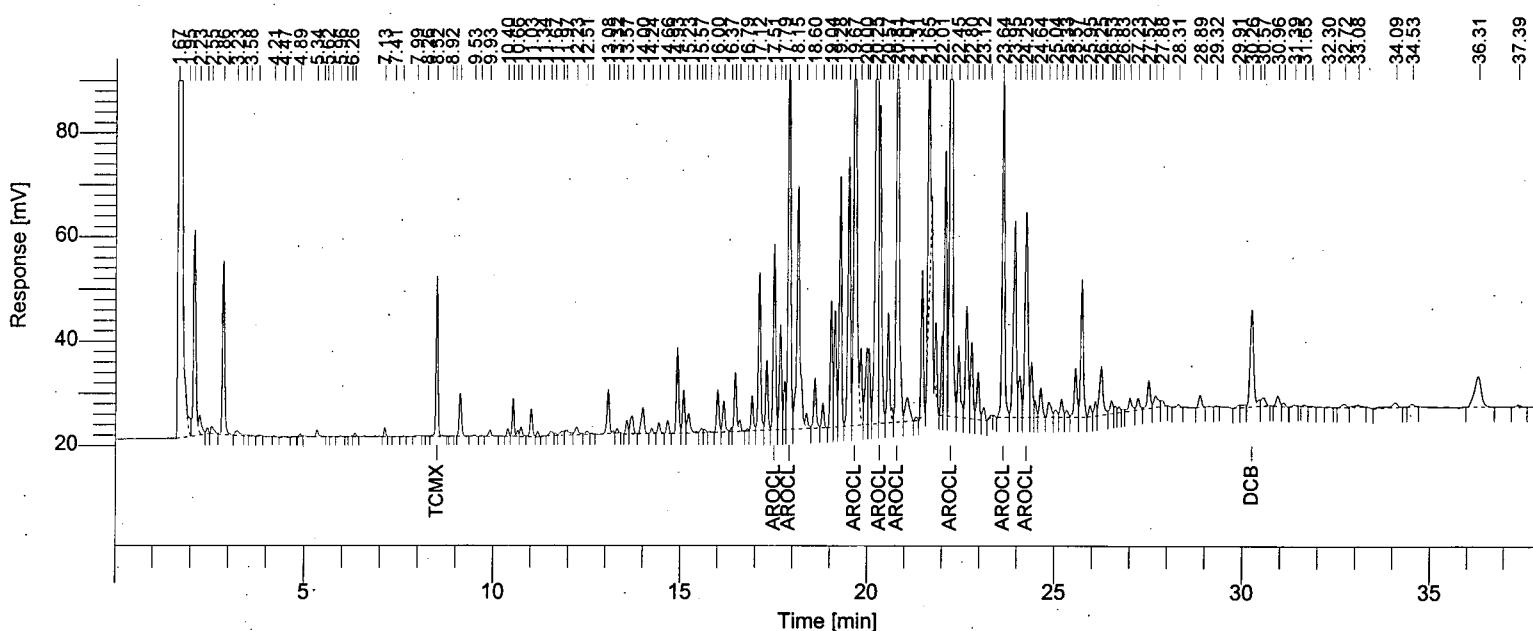
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 | 0.0000 | 10.0 | 30.000 | 5.0 |
| 101 | 24.81 | Aroclor 1260-4 | 72908 | 0.0698 | 0.1163 | 10.0 | 30.000 | 5.0 |
| 105 | 25.85 | Aroclor 1260-5 | 49822 | 0.0993 | 0.1654 | 10.0 | 30.000 | 5.0 |
| | | | 122730 | 0.1690 | | 30.0 | 90.000 | 15.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 030
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 06:31:55 AM

Date : 05/20/98 17:44:05 PM
 Sample Name : 6057 2X
 Study : 9800.898
 Rack/Vial : 1/30
 Channel : B
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 2.00
 Cycle : 30

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_030.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_030.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_030.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 29 | 8.52 | TCMX | 108833 | 0.0100 | 0.0067 | 10.0 | 30.00 | 2.0 |
| | 22.23 | AR1254 | 2379297 | 0.6480 | 0.4320 | 10.0 | 30.00 | 2.0 |
| | 23.64 | AR1260 | 792702 | 0.1808 | 0.1206 | 10.0 | 30.00 | 2.0 |
| 140 | 30.26 | DCB | 120600 | 0.0105 | 0.0070 | 10.0 | 30.00 | 2.0 |

05/20/98 17:44:05 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_030.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 75 | 17.51 | Aroclor 1254-1 | 162132 | 0.2757 | 0.1838 | 10.0 | 30.00 | 2.0 |
| 78 | 17.91 | Aroclor 1254-2 | 371557 | 0.4898 | 0.3266 | 10.0 | 30.00 | 2.0 |
| 87 | 19.67 | Aroclor 1254-3 | 561115 | 0.5470 | 0.3647 | 10.0 | 30.00 | 2.0 |
| 95 | 20.81 | Aroclor 1254-4 | 495495 | 0.8768 | 0.5846 | 10.0 | 30.00 | 2.0 |
| 103 | 22.23 | Aroclor 1254-5 | 788998 | 1.0748 | 0.7166 | 10.0 | 30.00 | 2.0 |

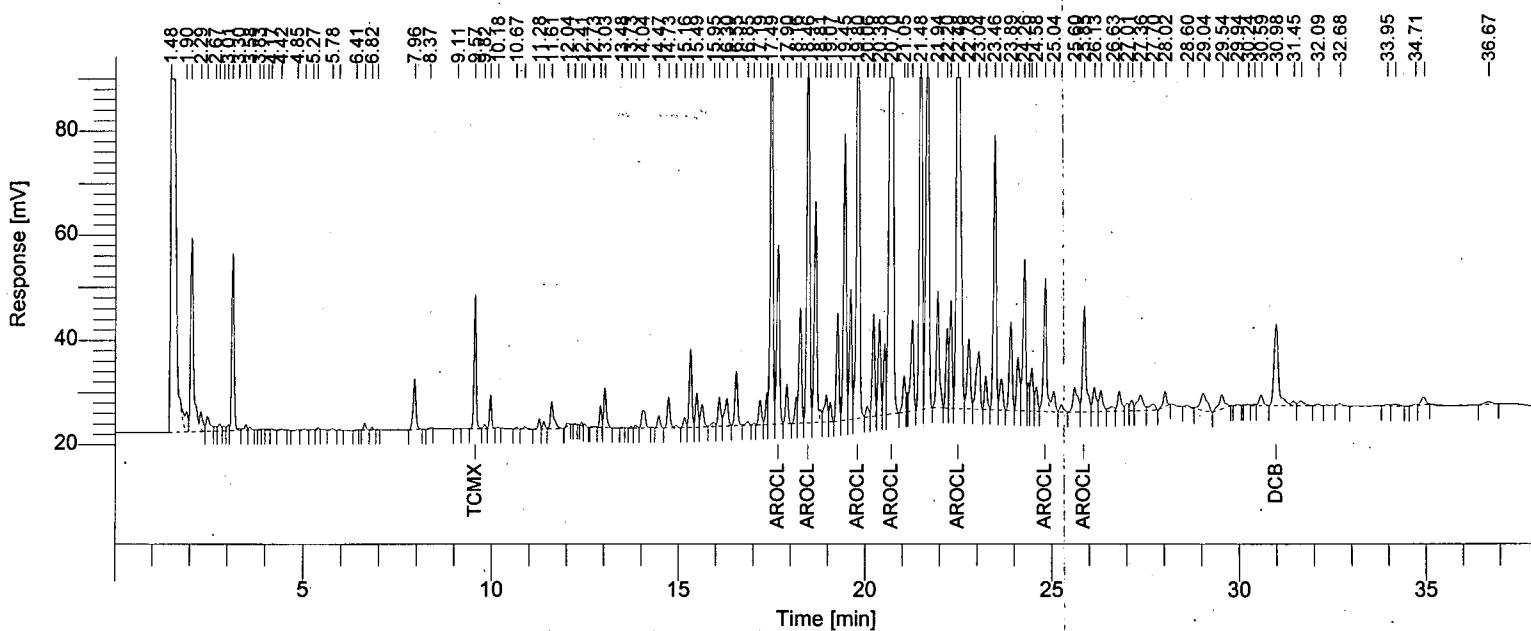
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 92 | 20.33 | Aroclor 1260-1 | 275437 | 0.3182 | 0.2122 | 10.0 | 30.00 | 2.0 |
| 110 | 23.64 | Aroclor 1260-4 | 297755 | 0.4662 | 0.3108 | 10.0 | 30.00 | 2.0 |
| 113 | 24.25 | Aroclor 1260-5 | 219510 | 0.1873 | 0.1249 | 10.0 | 30.00 | 2.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 030
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 06:31:55 AM

Date : 05/20/98 17:44:02 PM
 Sample Name : 6057 2X
 Study : 9800.898
 Rack/Vial : 1/30
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min
 Area Reject : 100.000000
 Dilution Factor : 2.00
 Cycle : 30

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_030.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_030.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_030.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 32 | 9.57 | TCMX | 100951 | 0.0096 | 0.0064 | 10.0 | 30.000 | 2.0 |
| | 22.48 | AR1254 | 2928329 | 0.6901 | 0.4601 | 10.0 | 30.000 | 2.0 |
| | 24.81 | AR1260 | 264081 | 0.0638 | 0.0425 | 10.0 | 30.000 | 2.0 |
| | 30.98 | DCB | 131243 | 0.0122 | 0.0081 | 10.0 | 30.000 | 2.0 |
| | | | | 3424604 | 0.7757 | 40.0 | 120.000 | 8.0 |

05/20/98 17:44:02 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_030.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 68 | 17.66 | Aroclor 1254-1 | 184406 | 0.2953 | 0.1969 | 10.0 | 30.000 | 2.0 |
| 72 | 18.46 | Aroclor 1254-2 | 394870 | 0.4359 | 0.2906 | 10.0 | 30.000 | 2.0 |
| 80 | 19.80 | Aroclor 1254-3 | 541746 | 0.5911 | 0.3940 | 10.0 | 30.000 | 2.0 |
| 85 | 20.70 | Aroclor 1254-4 | 849576 | 0.8561 | 0.5707 | 10.0 | 30.000 | 2.0 |
| 94 | 22.48 | Aroclor 1254-5 | 957732 | 1.1914 | 0.7943 | 10.0 | 30.000 | 2.0 |
| | | | 2928329 | 3.3698 | | 50.0 | 150.000 | 10.0 |

Group Report For : AR1260

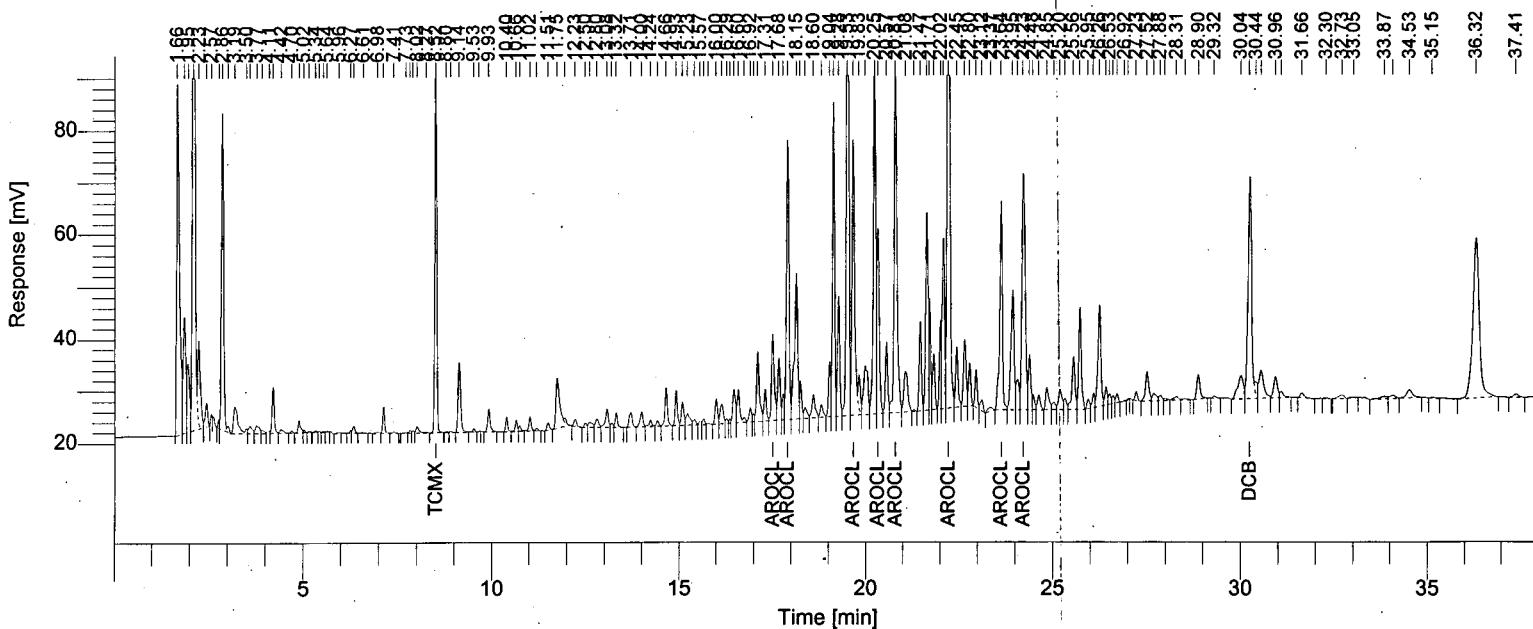
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 | 0.0000 | 10.0 | 30.000 | 2.0 |
| 106 | 24.81 | Aroclor 1260-4 | 136985 | 0.1311 | 0.0874 | 10.0 | 30.000 | 2.0 |
| 110 | 25.85 | Aroclor 1260-5 | 127095 | 0.2532 | 0.1688 | 10.0 | 30.000 | 2.0 |
| | | | 264081 | 0.3843 | | 30.0 | 90.000 | 6.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 031
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 07:14:32 AM

Date : 05/20/98 17:44:10 PM
 Sample Name : 6058
 Study : 9800.898
 Rack/Vial : 1/31
 Channel : B
 A/D mV Range : 1000
 End Time : 37.99 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 31

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_031.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_031.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_031.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 39 | 8.52 | TCMX | 247901 | 0.0229 | 0.0076 | 10.0 | 30.00 | 1.0 |
| | 22.23 | AR1254 | 1583260 | 0.4312 | 0.1437 | 10.0 | 30.00 | 1.0 |
| | 24.23 | AR1260 | 634244 | 0.1447 | 0.0482 | 10.0 | 30.00 | 1.0 |
| 151 | 30.27 | DCB | 283850 | 0.0246 | 0.0082 | 10.0 | 30.00 | 1.0 |

05/20/98 17:44:10 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_031.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 84 | 17.51 | Aroclor 1254-1 | 85820 | 0.1459 | 0.0486 | 10.0 | 30.00 | 1.0 |
| 87 | 17.91 | Aroclor 1254-2 | 254738 | 0.3358 | 0.1119 | 10.0 | 30.00 | 1.0 |
| 97 | 19.67 | Aroclor 1254-3 | 266310 | 0.2596 | 0.0865 | 10.0 | 30.00 | 1.0 |
| 103 | 20.81 | Aroclor 1254-4 | 352305 | 0.6235 | 0.2078 | 10.0 | 30.00 | 1.0 |
| 112 | 22.23 | Aroclor 1254-5 | 624086 | 0.8502 | 0.2834 | 10.0 | 30.00 | 1.0 |

Group Report For : AR1260

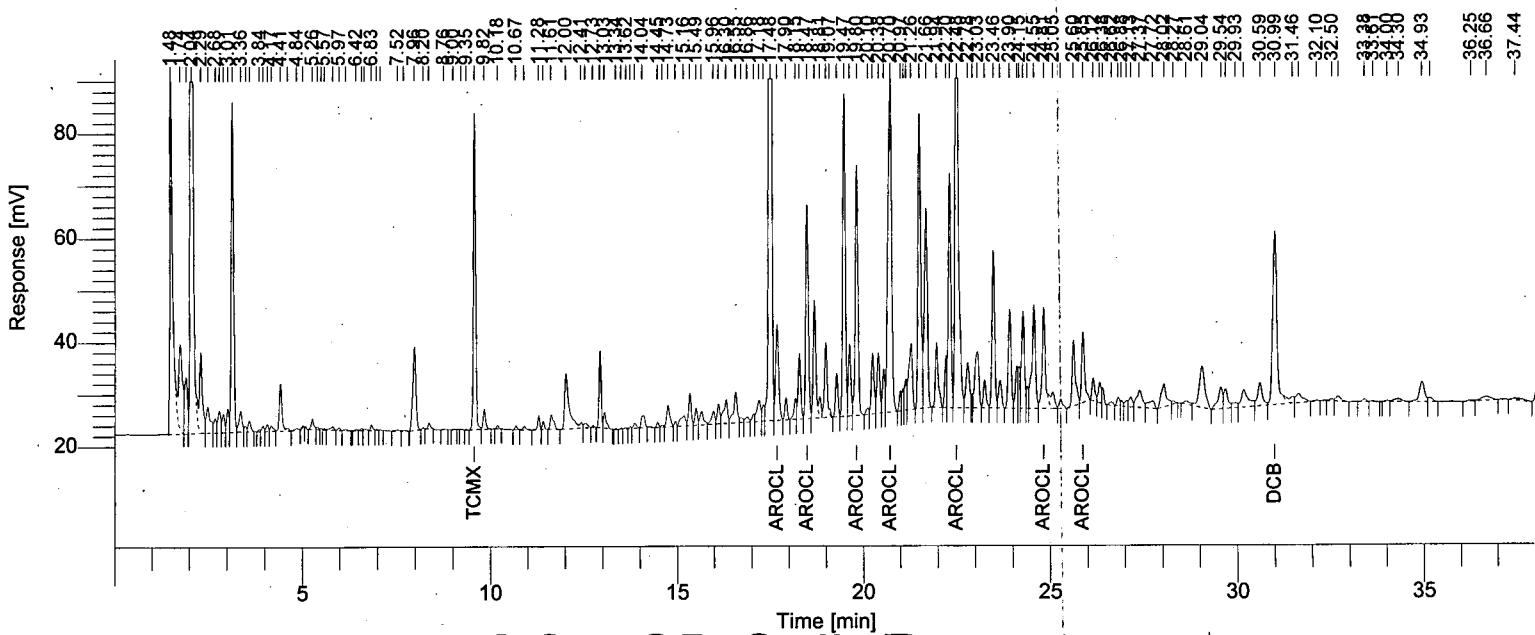
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 101 | 20.33 | Aroclor 1260-1 | 153418 | 0.1773 | 0.0591 | 10.0 | 30.00 | 1.0 |
| 119 | 23.64 | Aroclor 1260-4 | 200666 | 0.3142 | 0.1047 | 10.0 | 30.00 | 1.0 |
| 122 | 24.23 | Aroclor 1260-5 | 280160 | 0.2391 | 0.0797 | 10.0 | 30.00 | 1.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 031
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 07:14:32 AM

Date : 05/20/98 17:44:07 PM
 Sample Name : 6058
 Study : 9800.898
 Rack/Vial : 1/31
 Channel : A
 A/D mV Range : 1000
 End Time : 37.99 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 31

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_031.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_031.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_031.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 45 | 9.57 | TCMX | 247410 | 0.0235 | 0.0078 | 10.0 | 30.000 | 1.0 |
| | 22.48 | AR1254 | 1572587 | 0.3706 | 0.1235 | 10.0 | 30.000 | 1.0 |
| | 24.81 | AR1260 | 193397 | 0.0467 | 0.0156 | 10.0 | 30.000 | 1.0 |
| | 30.99 | DCB | 266239 | 0.0246 | 0.0082 | 10.0 | 30.000 | 1.0 |
| | | | | 2279632 | 0.4655 | 40.0 | 120.000 | 4.0 |

05/20/98 17:44:07 PM Result:

\\\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_031.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 83 | 17.66 | Aroclor 1254-1 | 103921 | 0.1664 | 0.0555 | 10.0 | 30.000 | 1.0 |
| 87 | 18.47 | Aroclor 1254-2 | 201739 | 0.2227 | 0.0742 | 10.0 | 30.000 | 1.0 |
| 95 | 19.80 | Aroclor 1254-3 | 241979 | 0.2640 | 0.0880 | 10.0 | 30.000 | 1.0 |
| 100 | 20.70 | Aroclor 1254-4 | 438353 | 0.4417 | 0.1472 | 10.0 | 30.000 | 1.0 |
| 110 | 22.48 | Aroclor 1254-5 | 586595 | 0.7297 | 0.2432 | 10.0 | 30.000 | 1.0 |
| | | | 1572587 | 1.8246 | | 50.0 | 150.000 | 5.0 |

Group Report For : AR1260

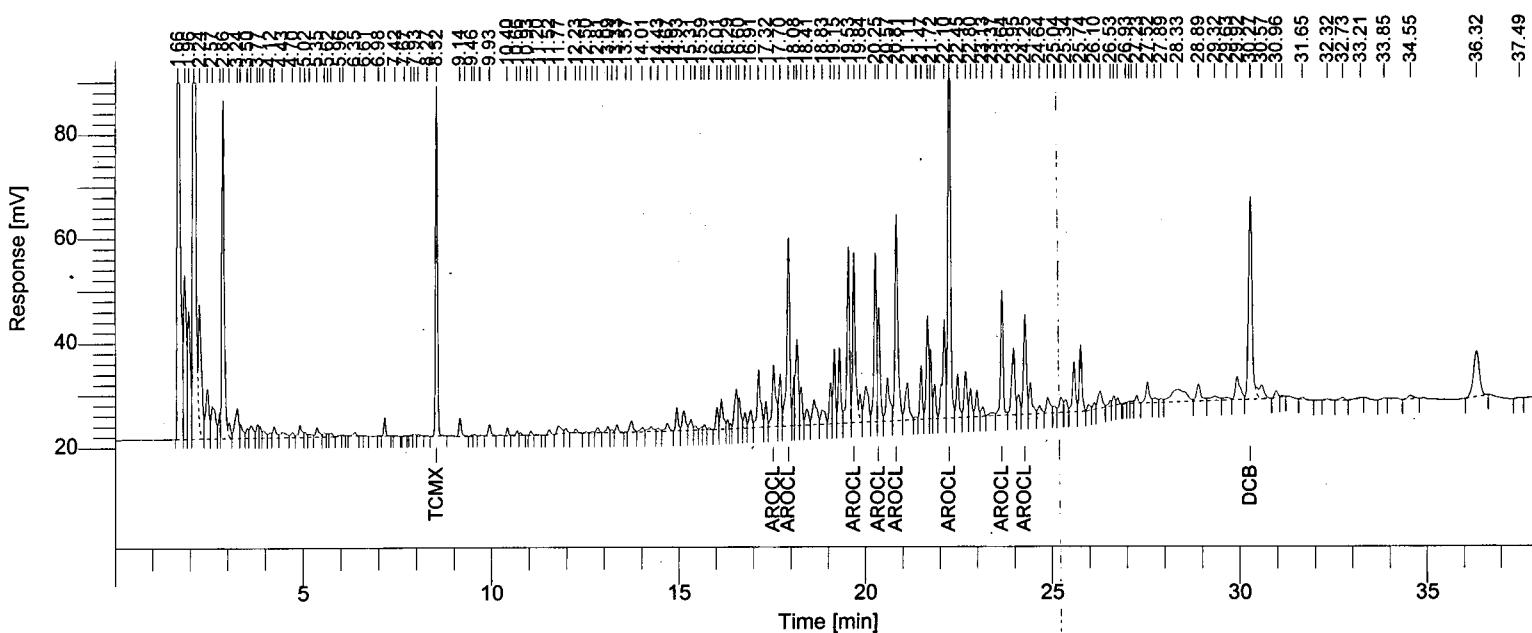
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 | 0.0000 | 10.0 | 30.000 | 1.0 |
| 123 | 24.81 | Aroclor 1260-4 | 116711 | 0.1117 | 0.0372 | 10.0 | 30.000 | 1.0 |
| 127 | 25.85 | Aroclor 1260-5 | 76686 | 0.1528 | 0.0509 | 10.0 | 30.000 | 1.0 |
| | | | 193397 | 0.2645 | | 30.0 | 90.000 | 3.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 032
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 07:57:04 AM

Date : 05/20/98 17:44:15 PM
 Sample Name : 6059
 Study : 9800.898
 Rack/Vial : 1/32
 Channel : B
 A/D mV Range : 1:000
 End Time : 38.00 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 32

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_032.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_032.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_032.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 41 | 8.52 | TCMX | 237337 | 0.0219 | 0.0073 | 10.0 | 30.00 | 1.0 |
| | 22.23 | AR1254 | 1031286 | 0.2809 | 0.0936 | 10.0 | 30.00 | 1.0 |
| | 23.64 | AR1260 | 316851 | 0.0723 | 0.0241 | 10.0 | 30.00 | 1.0 |
| 152 | 30.27 | DCB | 258079 | 0.0224 | 0.0075 | 10.0 | 30.00 | 1.0 |

05/20/98 17:44:15 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_032.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 88 | 17.52 | Aroclor 1254-1 | 78008 | 0.1326 | 0.0442 | 10.0 | 30.00 | 1.0 |
| 90 | 17.92 | Aroclor 1254-2 | 198226 | 0.2613 | 0.0871 | 10.0 | 30.00 | 1.0 |
| 101 | 19.67 | Aroclor 1254-3 | 165147 | 0.1610 | 0.0537 | 10.0 | 30.00 | 1.0 |
| 107 | 20.81 | Aroclor 1254-4 | 213937 | 0.3786 | 0.1262 | 10.0 | 30.00 | 1.0 |
| 115 | 22.23 | Aroclor 1254-5 | 375968 | 0.5122 | 0.1707 | 10.0 | 30.00 | 1.0 |

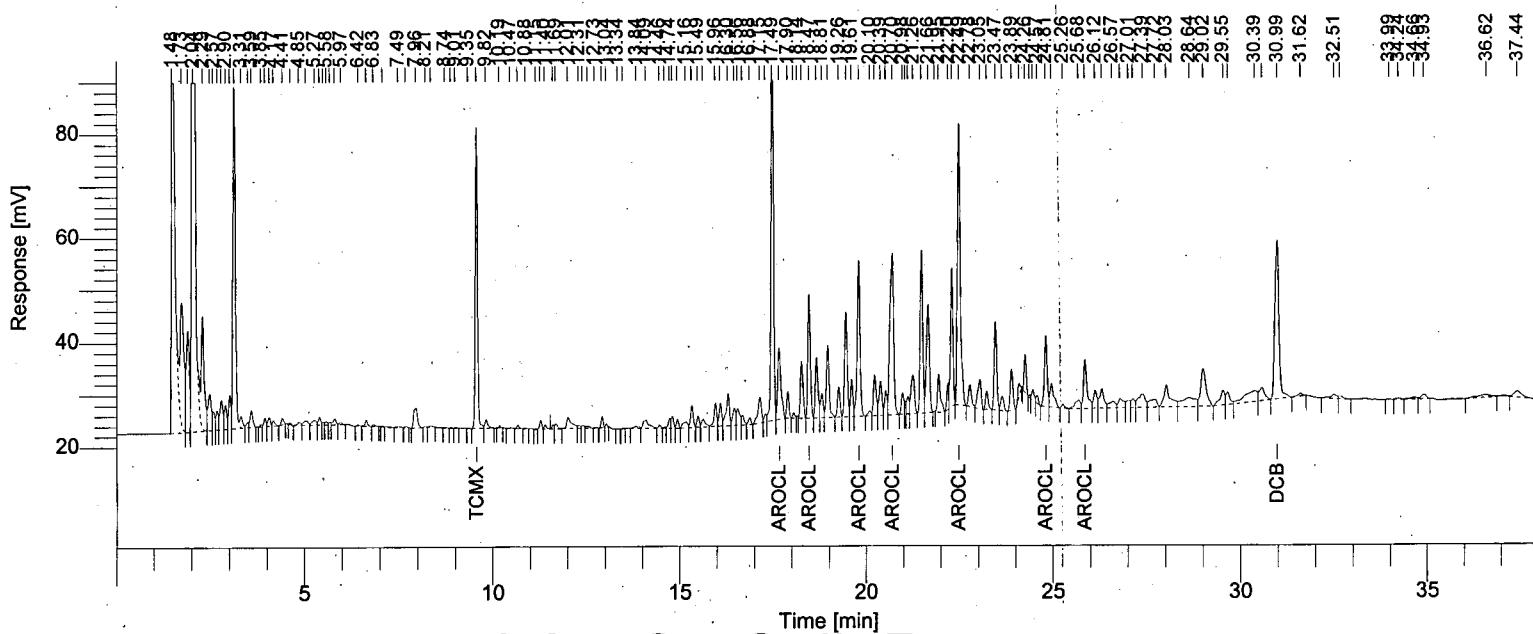
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 105 | 20.34 | Aroclor 1260-1 | 102449 | 0.1184 | 0.0395 | 10.0 | 30.00 | 1.0 |
| 122 | 23.64 | Aroclor 1260-4 | 111343 | 0.1743 | 0.0581 | 10.0 | 30.00 | 1.0 |
| 125 | 24.25 | Aroclor 1260-5 | 103060 | 0.0879 | 0.0293 | 10.0 | 30.00 | 1.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 032
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 07:57:04 AM

Date : 05/20/98 17:44:13 PM
 Sample Name : 6059
 Study : 9800.898
 Rack/Vial : 1/32
 Channel : A
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 32

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_032.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_032.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_032.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 44 | 9.57 | TCMX | 235592 | 0.0224 | 0.0075 | 10.0 | 30.000 | 1.0 |
| | 22.49 | AR1254 | 865741 | 0.2040 | 0.0680 | 10.0 | 30.000 | 1.0 |
| | 24.81 | AR1260 | 130660 | 0.0316 | 0.0105 | 10.0 | 30.000 | 1.0 |
| 145 | 30.99 | DCB | 229730 | 0.0213 | 0.0071 | 10.0 | 30.000 | 1.0 |
| | | | 1461723 | 0.2793 | | 40.0 | 120.000 | 4.0 |

05/20/98 17:44:13 PM Result:

\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_032.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 85 | 17.66 | Aroclor 1254-1 | 84368 | 0.1351 | 0.0450 | 10.0 | 30.000 | 1.0 |
| 90 | 18.47 | Aroclor 1254-2 | 113726 | 0.1255 | 0.0418 | 10.0 | 30.000 | 1.0 |
| 97 | 19.81 | Aroclor 1254-3 | 156381 | 0.1706 | 0.0569 | 10.0 | 30.000 | 1.0 |
| 102 | 20.70 | Aroclor 1254-4 | 218902 | 0.2206 | 0.0735 | 10.0 | 30.000 | 1.0 |
| 113 | 22.49 | Aroclor 1254-5 | 292365 | 0.3637 | 0.1212 | 10.0 | 30.000 | 1.0 |
| | | | 865741 | 1.0156 | | 50.0 | 150.000 | 5.0 |

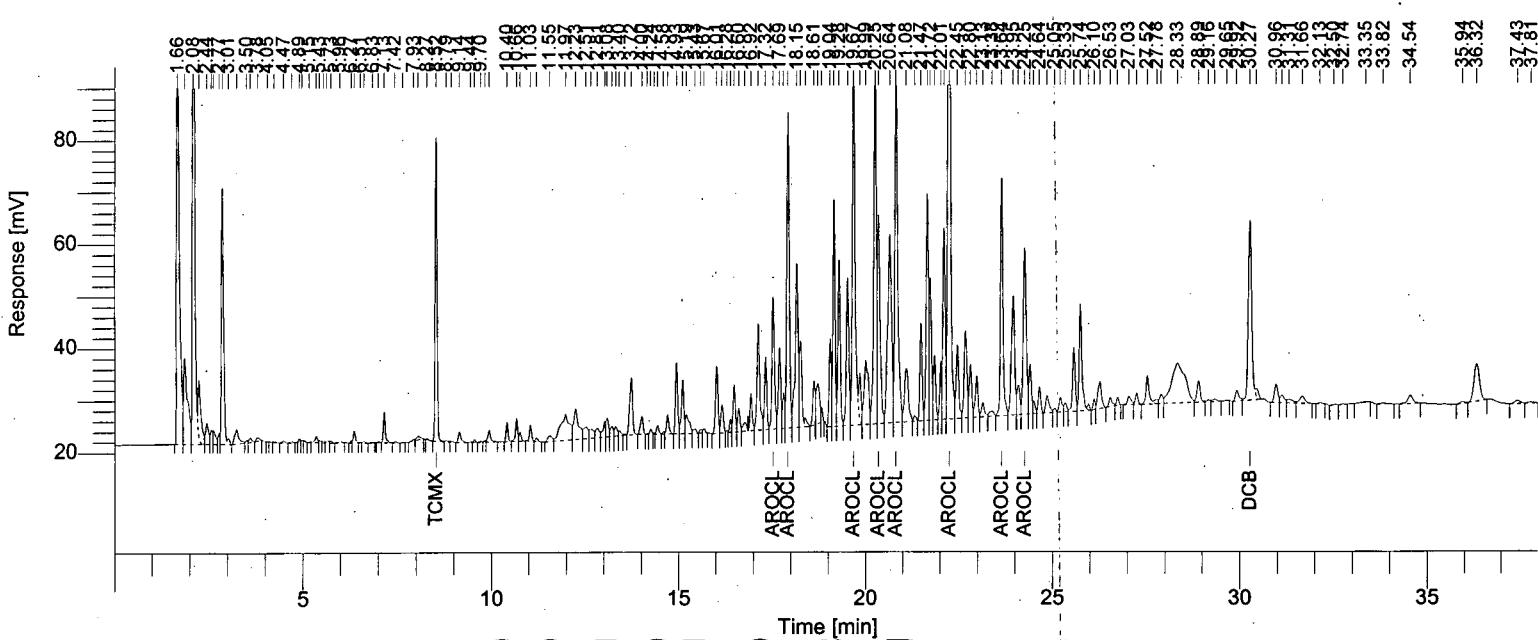
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 | 0.0000 | 10.0 | 30.000 | 1.0 |
| 125 | 24.81 | Aroclor 1260-4 | 68635 | 0.0657 | 0.0219 | 10.0 | 30.000 | 1.0 |
| 129 | 25.85 | Aroclor 1260-5 | 62026 | 0.1236 | 0.0412 | 10.0 | 30.000 | 1.0 |
| | | | 130660 | 0.1893 | | 30.0 | 90.000 | 3.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 033
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 08:39:40 AM

Date : 05/20/98 17:44:21 PM
 Sample Name : 6060
 Study : 9800.898
 Rack/Vial : 1/33
 Channel : B
 A/D mV Range : 1000
 End Time : 37.99 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 33

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_033.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_033.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_033.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 40 | 8.52 | TCMX | 208325 | 0.0192 | 0.0064 | 10.0 | 30.00 | 1.0 |
| | 22.23 | AR1254 | 1804620 | 0.4915 | 0.1638 | 10.0 | 30.00 | 1.0 |
| | 23.64 | AR1260 | 590464 | 0.1347 | 0.0449 | 10.0 | 30.00 | 1.0 |
| 155 | 30.27 | DCB | 223828 | 0.0194 | 0.0065 | 10.0 | 30.00 | 1.0 |

05/20/98 17:44:21 PM Result:
 \\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_033.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 90 | 17.52 | Aroclor 1254-1 | 119624 | 0.2034 | 0.0678 | 10.0 | 30.00 | 1.0 |
| 93 | 17.92 | Aroclor 1254-2 | 283658 | 0.3740 | 0.1247 | 10.0 | 30.00 | 1.0 |
| 104 | 19.67 | Aroclor 1254-3 | 357648 | 0.3486 | 0.1162 | 10.0 | 30.00 | 1.0 |
| 110 | 20.81 | Aroclor 1254-4 | 362251 | 0.6411 | 0.2137 | 10.0 | 30.00 | 1.0 |
| 119 | 22.23 | Aroclor 1254-5 | 681439 | 0.9283 | 0.3094 | 10.0 | 30.00 | 1.0 |

Group Report For : AR1260

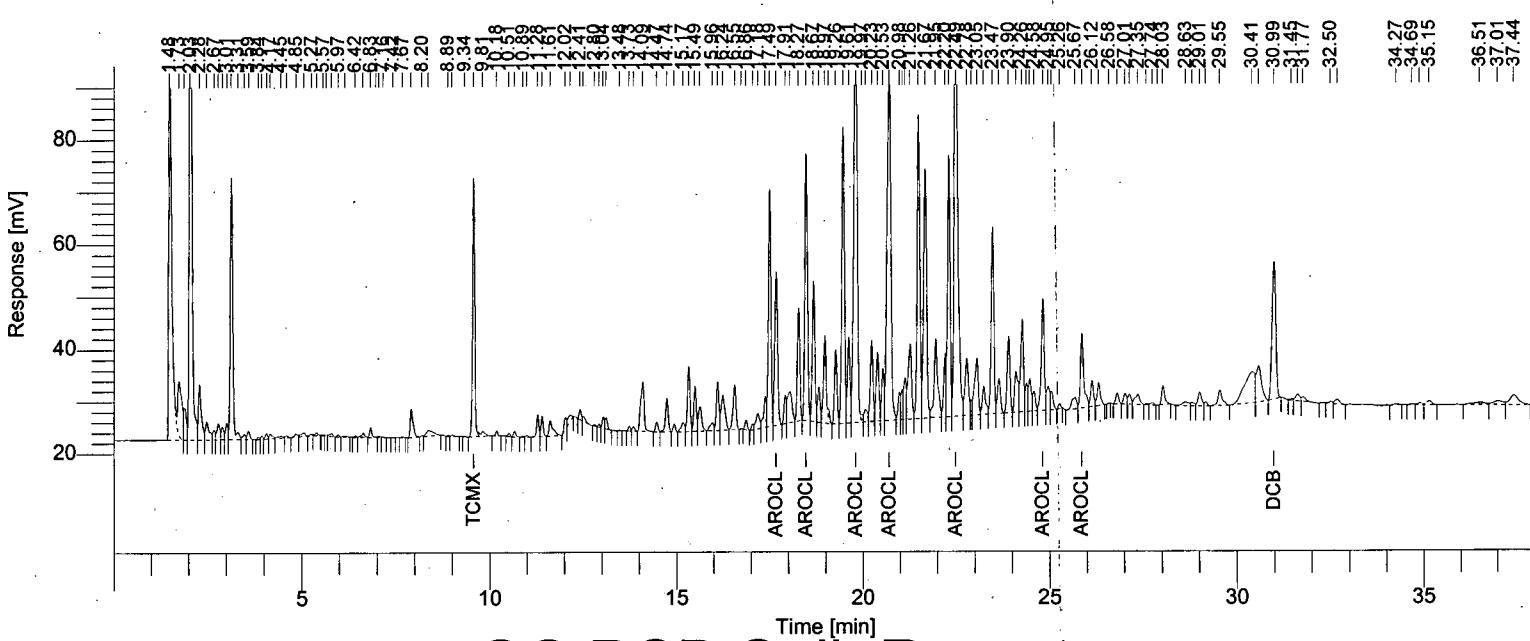
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 108 | 20.34 | Aroclor 1260-1 | 194043 | 0.2242 | 0.0747 | 10.0 | 30.00 | 1.0 |
| 126 | 23.64 | Aroclor 1260-4 | 214882 | 0.3364 | 0.1121 | 10.0 | 30.00 | 1.0 |
| 129 | 24.25 | Aroclor 1260-5 | 181539 | 0.1549 | 0.0516 | 10.0 | 30.00 | 1.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 033
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 08:39:40 AM

Date : 05/20/98 17:44:18 PM
 Sample Name : 6060
 Study : 9800.898
 Rack/Vial : 1/33
 Channel : A
 A/D mV Range : 1000
 End Time : 37.99 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 33

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_033.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_033.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_033.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 44 | 9.57 | TCMX | 200450 | 0.0191 | 0.0064 | 10.0 | 30.000 | 1.0 |
| | 22.49 | AR1254 | 2057608 | 0.4849 | 0.1616 | 10.0 | 30.000 | 1.0 |
| | 24.81 | AR1260 | 205404 | 0.0496 | 0.0165 | 10.0 | 30.000 | 1.0 |
| 148 | 30.99 | DCB | 184027 | 0.0170 | 0.0057 | 10.0 | 30.000 | 1.0 |
| | | | 2647489 | 0.5706 | | 40.0 | 120.000 | 4.0 |

05/20/98 17:44:18 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_033.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 83 | 17.66 | Aroclor 1254-1 | 161843 | 0.2592 | 0.0864 | 10.0 | 30.000 | 1.0 |
| 87 | 18.47 | Aroclor 1254-2 | 251521 | 0.2776 | 0.0925 | 10.0 | 30.000 | 1.0 |
| 95 | 19.80 | Aroclor 1254-3 | 515738 | 0.5627 | 0.1876 | 10.0 | 30.000 | 1.0 |
| 101 | 20.71 | Aroclor 1254-4 | 481289 | 0.4850 | 0.1617 | 10.0 | 30.000 | 1.0 |
| 111 | 22.49 | Aroclor 1254-5 | 647218 | 0.8051 | 0.2684 | 10.0 | 30.000 | 1.0 |
| | | | 2057608 | 2.3896 | | 50.0 | 150.000 | 5.0 |

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 | 0.0000 | 10.0 | 30.000 | 1.0 |
| 124 | 24.81 | Aroclor 1260-4 | 116995 | 0.1120 | 0.0373 | 10.0 | 30.000 | 1.0 |
| 129 | 25.85 | Aroclor 1260-5 | 88409 | 0.1761 | 0.0587 | 10.0 | 30.000 | 1.0 |
| | | | 205404 | 0.2881 | | 30.0 | 90.000 | 3.0 |

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

Date(s) Analyzed:

Column: RTX-5

4/29/98 to 4/29/98

| COMPOUND | LEVEL (ug/ml) Area | | | | | | |
|----------------|-----------------------|--------|--------|--------|---------|----------|-------|
| | 0.05 | 0.1 | 0.2 | 0.4 | 1.0 | Ave CF | % RSD |
| Aroclor 1016-1 | 19192 | 38335 | 73790 | 128573 | 286257 | 348766 | 12.4 |
| Aroclor 1016-2 | 21791 | 44497 | 87961 | 159290 | 369978 | 417760 | 7.8 |
| Aroclor 1016-3 | 70985 | 143036 | 281138 | 510427 | 1162945 | 1338953 | 8.7 |
| Aroclor 1016-4 | 30012 | 60093 | 116152 | 212587 | 485450 | 559770 | 9.0 |
| Aroclor 1016-5 | 17908 | 36708 | 71251 | 136360 | 328735 | 350226 | 4.4 |
| Aroclor 1260-1 | 43938 | 84197 | 160359 | 302993 | 692063 | 794414 | 9.2 |
| Aroclor 1260-2 | 46185 | 87016 | 168340 | 315703 | 730755 | 831115 | 8.9 |
| Aroclor 1260-3 | 50897 | 97527 | 194850 | 378907 | 928522 | 968650 | 3.5 |
| Aroclor 1260-4 | 54494 | 102362 | 208186 | 411536 | 1041893 | 1045033 | 2.5 |
| Aroclor 1260-5 | 25960 | 49424 | 99879 | 197377 | 503330 | 501922 | 2.1 |
| COMPOUND | 0.01 | 0.02 | 0.05 | 0.1 | 0.2 | Ave CF | % RSD |
| 4C3N | 65651 | 134814 | 294982 | 536221 | 1010741 | 5924271 | 12.4 |
| COMPOUND | 0.005 | 0.01 | 0.02 | 0.04 | 0.1 | Ave CF | % RSD |
| TCMX | 54169 | 121029 | 234185 | 504326 | 1287668 | 12026156 | 6.7 |
| DCB | 58210 | 109076 | 191785 | 431861 | 1090321 | 10767717 | 6.9 |

Average 7.3

6F

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

Date(s) Analyzed:

Column: RTX-5

4/30/98

to 4/30/98

| COMPOUND | LEVEL (ug/ml) | | | | | | |
|----------------|---------------|--------|--------|--------|---------|----------|-------|
| | 0.05 | 0.1 | 0.2 | 0.4 | 1.0 | Ave CF | % RSD |
| Aroclor 1254-1 | 36951 | 66599 | 126122 | 229773 | 512238 | 624458 | 13.9 |
| Aroclor 1254-2 | 54604 | 99185 | 181453 | 326187 | 722873 | 905907 | 16.0 |
| Aroclor 1254-3 | 50370 | 95101 | 184984 | 351870 | 819758 | 916553 | 7.8 |
| Aroclor 1254-4 | 57288 | 107362 | 199955 | 370762 | 815810 | 992374 | 12.9 |
| Aroclor 1254-5 | 44486 | 84732 | 160344 | 304496 | 719263 | 803853 | 8.4 |
| COMPOUND | 0.005 | 0.01 | 0.02 | 0.04 | 0.1 | Ave CF | % RSD |
| TCMX | 47667 | 99182 | 221906 | 433890 | 1117692 | 10514214 | 7.1 |
| DCB | 54203 | 111700 | 225057 | 412611 | 1042553 | 10800851 | 3.9 |

Average 10.0

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

Date(s) Analyzed:

Column: RTX-35

4/29/98 to 4/29/98

| COMPOUND | LEVEL (ug/ml) | | | | | | |
|----------------|---------------|--------|--------|--------|---------|----------|-------|
| | 0.05 | 0.1 | 0.2 | 0.4 | 1.0 | Ave CF | % RSD |
| Aroclor 1016-1 | 17667 | 35047 | 65595 | 110804 | 234385 | 308636 | 16.7 |
| Aroclor 1016-2 | 40673 | 78095 | 145532 | 242709 | 498888 | 685546 | 19.1 |
| Aroclor 1016-3 | 72736 | 139876 | 263690 | 449584 | 944437 | 1248065 | 16.9 |
| Aroclor 1016-4 | 28459 | 55141 | 103986 | 182031 | 396681 | 498456 | 14.4 |
| Aroclor 1016-5 | 18162 | 37009 | 71526 | 127255 | 281316 | 338083 | 11.1 |
| Aroclor 1260-1 | 51796 | 96030 | 178737 | 311577 | 658681 | 865506 | 17.2 |
| Aroclor 1260-2 | 57096 | 104868 | 195961 | 342509 | 729684 | 951272 | 17.0 |
| Aroclor 1260-3 | 42453 | 80025 | 155056 | 280849 | 652674 | 755877 | 10.4 |
| Aroclor 1260-4 | 36651 | 67842 | 131274 | 238299 | 530136 | 638739 | 12.2 |
| Aroclor 1260-5 | 64816 | 121945 | 242786 | 444927 | 1017677 | 1171939 | 9.2 |
| COMPOUND | 0.01 | 0.02 | 0.05 | 0.1 | 0.2 | Ave CF | % RSD |
| 4C3N | 62832 | 123841 | 256463 | 447633 | 813461 | 5229629 | 19.0 |
| COMPOUND | 0.005 | 0.01 | 0.02 | 0.04 | 0.1 | Ave CF | % RSD |
| TCMX | 58383 | 125484 | 231019 | 460511 | 1066569 | 11590883 | 5.8 |
| DCB | 63709 | 117329 | 205231 | 440292 | 1034757 | 11218224 | 9.2 |

Average 13.7

6F

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

Date(s) Analyzed:

Column: RTX-35

4/30/98 to

4/30/98

| COMPOUND | LEVEL (ug/ml) | | | | | | % RSD |
|----------------|---------------|--------|--------|--------|---------|----------|-------|
| | 0.05 | 0.1 | 0.2 | 0.4 | 1.0 | Ave CF | |
| Aroclor 1254-1 | 37105 | 66494 | 118705 | 207073 | 422635 | 588177 | 21.2 |
| Aroclor 1254-2 | 48231 | 86173 | 153334 | 265053 | 536925 | 758516 | 22.0 |
| Aroclor 1254-3 | 59958 | 113310 | 207663 | 375066 | 820926 | 1025833 | 14.7 |
| Aroclor 1254-4 | 33275 | 63420 | 114847 | 204103 | 441249 | 565088 | 16.1 |
| Aroclor 1254-5 | 42610 | 80670 | 144983 | 271931 | 606672 | 734063 | 13.4 |
| COMPOUND | 0.005 | 0.01 | 0.02 | 0.04 | 0.1 | Ave CF | % RSD |
| TCMX | 54199 | 110598 | 234811 | 425552 | 989345 | 10834480 | 6.2 |
| DCB | 60264 | 122436 | 242966 | 437858 | 1026118 | 11530466 | 7.7 |

Average 14.5

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/11/98 10:01:36 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|-----|
| | | From | To | | | |
| AR1254 | 17.67 | 17.59 | 17.73 | 0.207 | 0.200 | 3.3 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/29/98 to:

4/29/98

Date/Time Analyzed :

5/11/98

10:44 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| 4C3N | 3.13 | 3.08 | 3.18 | 0.0515 | 0.0500 | 3.0 |
| TCMX | 9.57 | 9.51 | 9.61 | 0.0193 | 0.0200 | -3.5 |
| AR1016 | 10.90 | 10.82 | 10.96 | 0.2093 | 0.200 | 4.7 |
| AR1260 | 20.65 | 20.57 | 20.71 | 0.2096 | 0.200 | 4.8 |
| DCB | 30.98 | 30.87 | 31.07 | 0.0197 | 0.0200 | -1.5 |

Ave %D = 3.5

* Value >15.0% Difference

FORM VII PCB

123

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/11/98 19:51:53 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| AR1254 | 17.67 | 17.59 | 17.73 | 0.222 | 0.200 | 10.8 |

* Value >15.0% Difference

FORM VII PCB

124

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/11/98 20:33:42 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|------|
| | | From | To | | | |
| 4C3N | 3.13 | 3.08 | 3.18 | 0.0574 | 0.0500 | 14.8 |
| TCMX | 9.57 | 9.51 | 9.61 | 0.0200 | 0.0200 | 0.0 |
| AR1016 | 10.90 | 10.82 | 10.96 | 0.2152 | 0.200 | 7.6 |
| AR1260 | 20.65 | 20.57 | 20.71 | 0.2236 | 0.200 | 11.8 |
| DCB | 30.99 | 30.87 | 31.07 | 0.0220 | 0.0200 | 10.0 |

Ave %D = 8.8

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/12/98 5:06:43 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| AR1254 | 17.67 | 17.59 | 17.73 | 0.227 | 0.200 | 13.3 |

* Value >15.0% Difference

FORM VII PCB

126

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/29/98 to: 4/29/98

Date/Time Analyzed :

5/12/98 5:49 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|--------|
| | | From | To | | | |
| 4C3N | 3.13 | 3.08 | 3.18 | 0.0578 | 0.0500 | 15.6 * |
| TCMX | 9.57 | 9.51 | 9.61 | 0.0215 | 0.0200 | 7.5 |
| AR1016 | 10.90 | 10.82 | 10.96 | 0.2214 | 0.200 | 10.7 |
| AR1260 | 20.65 | 20.57 | 20.71 | 0.2210 | 0.200 | 10.5 |
| DCB | 30.99 | 30.87 | 31.07 | 0.0218 | 0.0200 | 9.0 |

Ave %D = 10.7

* Value >15.0% Difference

*not target
compound 4C3N/20.65*

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/12/98 10:04:47 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|-----|
| | | From | To | | | |
| AR1254 | 17.67 | 17.59 | 17.73 | 0.218 | 0.200 | 9.1 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/12/98 10:47 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|------|
| | | From | To | | | |
| 4C3N | 3.14 | 3.08 | 3.18 | 0.0558 | 0.0500 | 11.6 |
| TCMX | 9.58 | 9.51 | 9.61 | 0.0206 | 0.0200 | 3.0 |
| AR1016 | 10.91 | 10.82 | 10.96 | 0.2206 | 0.200 | 10.3 |
| AR1260 | 20.66 | 20.57 | 20.71 | 0.2234 | 0.200 | 11.7 |
| DCB | 30.99 | 30.87 | 31.07 | 0.0224 | 0.0200 | 12.0 |

Ave %D = 9.7

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/12/98 15:25:53 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|-----|
| | | From | To | | | |
| AR1254 | 17.67 | 17.59 | 17.73 | 0.216 | 0.200 | 8.0 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/12/98 16:08:25 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|------|
| | | From | To | | | |
| 4C3N | 3.13 | 3.08 | 3.18 | 0.0498 | 0.0500 | -0.4 |
| TCMX | 9.57 | 9.51 | 9.61 | 0.0205 | 0.0200 | 2.5 |
| AR1016 | 10.90 | 10.82 | 10.96 | 0.2170 | 0.200 | 8.5 |
| AR1260 | 20.65 | 20.57 | 20.71 | 0.2172 | 0.200 | 8.6 |
| DCB | 30.99 | 30.87 | 31.07 | 0.0216 | 0.0200 | 8.0 |

Ave %D = 5.6

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/14/98 23:21:55 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| AR1254 | 17.67 | 17.59 | 17.73 | 0.222 | 0.200 | 11.1 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/29/98 to: 4/29/98

Date/Time Analyzed :

5/15/98 12:04 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|--------|
| | | From | To | | | |
| 4C3N | 3.13 | 3.08 | 3.18 | 0.0589 | 0.0500 | 17.8 * |
| TCMX | 9.57 | 9.51 | 9.61 | 0.0217 | 0.0200 | 8.5 |
| AR1016 | 10.90 | 10.82 | 10.96 | 0.2188 | 0.200 | 9.4 |
| AR1260 | 20.65 | 20.57 | 20.71 | 0.2140 | 0.200 | 7.0 |
| DCB | 30.98 | 30.87 | 31.07 | 0.0216 | 0.0200 | 8.0 |

Ave %D = 10.1

* Value >15.0% Difference

*Not target
Compound 6/15/98*

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/15/98 15:01:20 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| AR1254 | 17.68 | 17.59 | 17.73 | 0.221 | 0.200 | 10.5 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/29/98 to: 4/29/98

Date/Time Analyzed :

5/15/98 15:44:01 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|--------|
| | | From | To | | | |
| 4C3N | 3.14 | 3.08 | 3.18 | 0.0600 | 0.0500 | 20.0 * |
| TCMX | 9.58 | 9.51 | 9.61 | 0.0213 | 0.0200 | 6.5 |
| AR1016 | 10.91 | 10.82 | 10.96 | 0.2162 | 0.200 | 8.1 |
| AR1260 | 20.66 | 20.57 | 20.71 | 0.2160 | 0.200 | 8.0 |
| DCB | 30.99 | 30.87 | 31.07 | 0.0224 | 0.0200 | 12.0 |

Ave %D = 10.9

* Value >15.0% Difference

Not Target Compound

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/16/98 12:15 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|--------|
| | | From | To | | | |
| 4C3N | 3.14 | 3.08 | 3.18 | 0.0605 | 0.0500 | 21.0 * |
| TCMX | 9.58 | 9.51 | 9.61 | 0.0216 | 0.0200 | 8.0 |
| AR1016 | 10.91 | 10.82 | 10.96 | 0.2168 | 0.200 | 8.4 |
| AR1260 | 20.65 | 20.57 | 20.71 | 0.2150 | 0.200 | 7.5 |
| DCB | 30.99 | 30.87 | 31.07 | 0.0210 | 0.0200 | 5.0 |

Ave %D = 10.0

* Value >15.0% Difference

Not target
 Compound of interest

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/16/98 12:58:34 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|-----|
| | | From | To | | | |
| AR1254 | 17.67 | 17.59 | 17.73 | 0.219 | 0.200 | 9.7 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/29/98 to:

4/29/98

Date/Time Analyzed :

5/16/98 9:30 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|--------|
| | | From | To | | | |
| 4C3N | 3.14 | 3.08 | 3.18 | 0.0592 | 0.0500 | 18.4 * |
| TCMX | 9.58 | 9.51 | 9.61 | 0.0222 | 0.0200 | 11.0 |
| AR1016 | 10.91 | 10.82 | 10.96 | 0.2200 | 0.200 | 10.0 |
| AR1260 | 20.65 | 20.57 | 20.71 | 0.2205 | 0.200 | 10.3 |
| DCB | 30.98 | 30.87 | 31.07 | 0.0218 | 0.0200 | 9.0 |

Ave %D = 11.7

* Value >15.0% Difference

*Not target
Compound of state*

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/16/98 10:13:02 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|------|
| | | From | To | | | |
| AR1254 | 17.67 | 17.59 | 17.73 | 0.223 | 0.200 | 11.7 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/16/98 18:44:57 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|--------|
| | | From | To | | | |
| 4C3N | 3.14 | 3.08 | 3.18 | 0.0581 | 0.0500 | 16.2 * |
| TCMX | 9.57 | 9.51 | 9.61 | 0.0222 | 0.0200 | 11.0 |
| AR1016 | 10.90 | 10.82 | 10.96 | 0.2210 | 0.200 | 10.5 |
| AR1260 | 20.65 | 20.57 | 20.71 | 0.2218 | 0.200 | 10.9 |
| DCB | 30.98 | 30.87 | 31.07 | 0.0222 | 0.0200 | 11.0 |

Ave %D = 11.9

* Value >15.0% Difference

FORM VII PCB

140

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/16/98 19:27:37 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| AR1254 | 17.67 | 17.59 | 17.73 | 0.223 | 0.200 | 11.7 |

* Value >15.0% Difference

FORM VII PCB

141

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/17/98 3:59 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|--------|
| | | From | To | | | |
| 4C3N | 3.13 | 3.08 | 3.18 | 0.0577 | 0.0500 | 15.4 * |
| TCMX | 9.57 | 9.51 | 9.61 | 0.0221 | 0.0200 | 10.5 |
| AR1016 | 10.90 | 10.82 | 10.96 | 0.2187 | 0.200 | 9.4 |
| AR1260 | 20.65 | 20.57 | 20.71 | 0.2123 | 0.200 | 6.1 |
| DCB | 30.98 | 30.87 | 31.07 | 0.0217 | 0.0200 | 8.5 |

Ave %D = 10.0

* Value >15.0% Difference

Not Target
 Compound Analysis

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/17/98 4:41:50 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|-----|
| | | From | To | | | |
| AR1254 | 17.67 | 17.59 | 17.73 | 0.219 | 0.200 | 9.7 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/17/98 11:48 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|--------|
| | | From | To | | | |
| 4C3N | 3.15 | 3.08 | 3.18 | 0.0582 | 0.0500 | 16.4 * |
| TCMX | 9.58 | 9.51 | 9.61 | 0.0219 | 0.0200 | 9.5 |
| AR1016 | 10.91 | 10.82 | 10.96 | 0.2015 | 0.200 | 0.8 |
| AR1260 | 20.65 | 20.57 | 20.71 | 0.1904 | 0.200 | -4.8 |
| DCB | 30.99 | 30.87 | 31.07 | 0.0200 | 0.0200 | 0.0 |

Ave %D = 6.3

* Value >15.0% Difference

*Not X'ed out
Compound elutes*

FORM VII PCB

144

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/17/98 12:30:53 PM

| | | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| COMPOUND | RT | From | To | | | |
| | | | | | | |
| AR1254 | 17.67 | 17.59 | 17.73 | 0.191 | 0.200 | -4.8 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/19/98 11:24 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|--------|
| | | From | To | | | |
| 4C3N | 3.14 | 3.08 | 3.18 | 0.0579 | 0.0500 | 15.8 * |
| TCMX | 9.58 | 9.51 | 9.61 | 0.0216 | 0.0200 | 8.0 |
| AR1016 | 10.91 | 10.82 | 10.96 | 0.2144 | 0.200 | 7.2 |
| AR1260 | 20.65 | 20.57 | 20.71 | 0.2010 | 0.200 | 0.5 |
| DCB | 30.99 | 30.87 | 31.07 | 0.0209 | 0.0200 | 4.5 |

Ave %D = 7.2

* Value >15.0% Difference

*Not Target
Compound*

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/19/98 12:13:16 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|-----|
| | | From | To | | | |
| AR1254 | 17.68 | 17.59 | 17.73 | 0.215 | 0.200 | 7.4 |

* Value >15.0% Difference

FORM VII PCB

147

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/19/98 21:34:25 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|------|
| | | From | To | | | |
| 4C3N | 3.13 | 3.08 | 3.18 | 0.0562 | 0.0500 | 12.4 |
| TCMX | 9.57 | 9.51 | 9.61 | 0.0220 | 0.0200 | 10.0 |
| AR1016 | 10.90 | 10.82 | 10.96 | 0.2156 | 0.200 | 7.8 |
| AR1260 | 20.65 | 20.57 | 20.71 | 0.2083 | 0.200 | 4.2 |
| DCB | 30.98 | 30.87 | 31.07 | 0.0212 | 0.0200 | 6.0 |

Ave %D = 8.1

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/19/98 22:17:04 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|-----|
| | | From | To | | | |
| AR1254 | 17.67 | 17.59 | 17.73 | 0.215 | 0.200 | 7.2 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/30/98 to: 04/30/98

Date/Time Analyzed 5/20/98 6:49:37 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| AR1254 | 17.67 | 17.59 | 17.73 | 0.197 | 0.200 | -1.3 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/29/98 to: 4/29/98

Date/Time Analyzed :

5/20/98 7:32 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|--------|
| | | From | To | | | |
| 4C3N | 3.14 | 3.08 | 3.18 | 0.0621 | 0.0500 | 24.2 * |
| TCMX | 9.58 | 9.51 | 9.61 | 0.0223 | 0.0200 | 11.5 |
| AR1016 | 10.91 | 10.82 | 10.96 | 0.2103 | 0.200 | 5.1 |
| AR1260 | 20.66 | 20.57 | 20.71 | 0.1890 | 0.200 | -5.5 |
| DCB | 30.99 | 30.87 | 31.07 | 0.0199 | 0.0200 | -0.5 |

Ave %D = 9.4

* Value >15.0% Difference

*Not Target
Compound Analyzed*

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/20/98 16:39:18 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|-----|
| | | From | To | | | |
| AR1254 | 17.68 | 17.59 | 17.73 | 0.201 | 0.200 | 0.6 |

* Value >15.0% Difference

FORM VII PCB

152

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/20/98 17:22:03 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|--------|
| | | From | To | | | |
| 4C3N | 3.14 | 3.08 | 3.18 | 0.0637 | 0.0500 | 27.4 * |
| TCMX | 9.58 | 9.51 | 9.61 | 0.0226 | 0.0200 | 13.0 |
| AR1016 | 10.91 | 10.82 | 10.96 | 0.2157 | 0.200 | 7.9 |
| AR1260 | 20.66 | 20.57 | 20.71 | 0.1923 | 0.200 | -3.9 |
| DCB | 31.00 | 30.87 | 31.07 | 0.0201 | 0.0200 | 0.5 |

Ave %D = 10.5

* Value >15.0% Difference

Not X'ed
 Compound Analyzed

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/21/98 1:10:37 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|-----|
| | | From | To | | | |
| AR1254 | 17.67 | 17.59 | 17.73 | 0.211 | 0.200 | 5.3 |

* Value >15.0% Difference

FORM VII PCB

154

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

ICAL Date(s) Analyzed:

Column: RTX-5

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/21/98 1:53 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|--------|
| | | From | To | | | |
| 4C3N | 3.14 | 3.08 | 3.18 | 0.0652 | 0.0500 | 30.4 * |
| TCMX | 9.58 | 9.51 | 9.61 | 0.0227 | 0.0200 | 13.5 |
| AR1016 | 10.91 | 10.82 | 10.96 | 0.2151 | 0.200 | 7.6 |
| AR1260 | 20.65 | 20.57 | 20.71 | 0.1947 | 0.200 | -2.7 |
| DCB | 30.99 | 30.87 | 31.07 | 0.0206 | 0.0200 | 3.0 |

Ave %D = 11.4

* Value >15.0% Difference

*Not Target
Compound:
AR1016*

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/11/98 10:01:36 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| AR1254 | 17.51 | 17.43 | 17.57 | 0.194 | 0.200 | -2.9 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/11/98 10:44 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| 4C3N | 2.85 | 2.81 | 2.91 | 0.0500 | 0.0500 | 0.0 |
| TCMX | 8.51 | 8.46 | 8.56 | 0.0187 | 0.0200 | -6.5 |
| AR1016 | 10.67 | 10.59 | 10.73 | 0.2039 | 0.200 | 1.9 |
| AR1260 | 20.34 | 20.25 | 20.39 | 0.2001 | 0.200 | 0.0 |
| DCB | 30.27 | 30.15 | 30.35 | 0.0196 | 0.0200 | -2.0 |

Ave %D = 2.1

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/11/98 19:51:53 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|-----|
| | | From | To | | | |
| AR1254 | 17.51 | 17.43 | 17.57 | 0.211 | 0.200 | 5.3 |

* Value >15.0% Difference

FORM VII PCB

158

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/29/98 to: 4/29/98

Date/Time Analyzed :

5/11/98 20:33:42 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| 4C3N | 2.86 | 2.81 | 2.91 | 0.0565 | 0.0500 | 13.0 |
| TCMX | 8.51 | 8.46 | 8.56 | 0.0196 | 0.0200 | -2.0 |
| AR1016 | 10.67 | 10.59 | 10.73 | 0.2168 | 0.200 | 8.4 |
| AR1260 | 20.34 | 20.25 | 20.39 | 0.2171 | 0.200 | 8.5 |
| DCB | 30.27 | 30.15 | 30.35 | 0.0222 | 0.0200 | 11.0 |

Ave %D = 8.6

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/12/98 5:06:43 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|-----|
| | | From | To | | | |
| AR1254 | 17.51 | 17.43 | 17.57 | 0.217 | 0.200 | 8.5 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/29/98 to: 4/29/98

Date/Time Analyzed :

5/12/98 5:49 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|--------|
| | | From | To | | | |
| 4C3N | 2.86 | 2.81 | 2.91 | 0.0582 | 0.0500 | 16.4 * |
| TCMX | 8.51 | 8.46 | 8.56 | 0.0214 | 0.0200 | 7.0 |
| AR1016 | 10.67 | 10.59 | 10.73 | 0.2259 | 0.200 | 13.0 |
| AR1260 | 20.33 | 20.25 | 20.39 | 0.2157 | 0.200 | 7.9 |
| DCB | 30.27 | 30.15 | 30.35 | 0.0221 | 0.0200 | 10.5 |

Ave %D = 10.9

* Value >15.0% Difference

Not Target
 Compound Analyzed

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/12/98 10:04:47 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|-----|
| | | From | To | | | |
| AR1254 | 17.51 | 17.43 | 17.57 | 0.210 | 0.200 | 5.0 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/12/98 10:47 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| 4C3N | 2.86 | 2.81 | 2.91 | 0.0566 | 0.0500 | 13.2 |
| TCMX | 8.52 | 8.46 | 8.56 | 0.0207 | 0.0200 | 3.5 |
| AR1016 | 10.67 | 10.59 | 10.73 | 0.2269 | 0.200 | 13.5 |
| AR1260 | 20.34 | 20.25 | 20.39 | 0.2200 | 0.200 | 10.0 |
| DCB | 30.27 | 30.15 | 30.35 | 0.0223 | 0.0200 | 11.5 |

Ave %D = 10.3

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/12/98 15:25:53 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|-----|
| | | From | To | | | |
| AR1254 | 17.51 | 17.43 | 17.57 | 0.213 | 0.200 | 6.3 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/12/98 16:08:25 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| 4C3N | 2.85 | 2.81 | 2.91 | 0.0505 | 0.0500 | 1.0 |
| TCMX | 8.52 | 8.46 | 8.56 | 0.0206 | 0.0200 | 3.0 |
| AR1016 | 10.67 | 10.59 | 10.73 | 0.2225 | 0.200 | 11.3 |
| AR1260 | 20.34 | 20.25 | 20.39 | 0.2149 | 0.200 | 7.5 |
| DCB | 30.27 | 30.15 | 30.35 | 0.0219 | 0.0200 | 9.5 |

Ave %D = 6.4

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/14/98 23:21:55 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|-----|
| | | From | To | | | |
| AR1254 | 17.51 | 17.43 | 17.57 | 0.205 | 0.200 | 2.7 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/15/98 12:04 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|--------|
| | | From | To | | | |
| 4C3N | 2.86 | 2.81 | 2.91 | 0.0578 | 0.0500 | 15.6 * |
| TCMX | 8.52 | 8.46 | 8.56 | 0.0210 | 0.0200 | 5.0 |
| AR1016 | 10.67 | 10.59 | 10.73 | 0.2174 | 0.200 | 8.7 |
| AR1260 | 20.34 | 20.25 | 20.39 | 0.2046 | 0.200 | 2.3 |
| DCB | 30.26 | 30.15 | 30.35 | 0.0213 | 0.0200 | 6.5 |

Ave %D = 7.6

* Value >15.0% Difference

*Not Target
Compound
Subsets*

FORM VII PCB

167

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/15/98 15:01:20 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| AR1254 | 17.52 | 17.43 | 17.57 | 0.197 | 0.200 | -1.6 |

* Value >15.0% Difference

FORM VII PCB

168

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/15/98 15:44:01 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|--------|
| | | From | To | | | |
| 4C3N | 2.87 | 2.81 | 2.91 | 0.0581 | 0.0500 | 16.2 * |
| TCMX | 8.53 | 8.46 | 8.56 | 0.0203 | 0.0200 | 1.5 |
| AR1016 | 10.68 | 10.59 | 10.73 | 0.2121 | 0.200 | 6.1 |
| AR1260 | 20.34 | 20.25 | 20.39 | 0.1976 | 0.200 | -1.2 |
| DCB | 30.27 | 30.15 | 30.35 | 0.0212 | 0.0200 | 6.0 |

Ave %D = 6.2

* Value >15.0% Difference

*Not Target
Compound
Aug 98*

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/16/98 12:15 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|--------|
| | | From | To | | | |
| 4C3N | 2.86 | 2.81 | 2.91 | 0.0587 | 0.0500 | 17.4 * |
| TCMX | 8.52 | 8.46 | 8.56 | 0.0208 | 0.0200 | 4.0 |
| AR1016 | 10.67 | 10.59 | 10.73 | 0.2141 | 0.200 | 7.1 |
| AR1260 | 20.33 | 20.25 | 20.39 | 0.2009 | 0.200 | 0.4 |
| DCB | 30.26 | 30.15 | 30.35 | 0.0219 | 0.0200 | 9.5 |

Ave %D = 7.7

* Value >15.0% Difference

*Not target
Compound
04/29/98*

FORM VII PCB

170

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/16/98 12:58:34 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| AR1254 | 17.51 | 17.43 | 17.57 | 0.199 | 0.200 | -0.3 |

* Value >15.0% Difference

FORM VII PCB

171

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/29/98 to: 4/29/98

Date/Time Analyzed :

5/16/98 9:30 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|--------|
| | | From | To | | | |
| 4C3N | 2.86 | 2.81 | 2.91 | 0.0578 | 0.0500 | 15.6 * |
| TCMX | 8.52 | 8.46 | 8.56 | 0.0213 | 0.0200 | 6.5 |
| AR1016 | 10.67 | 10.59 | 10.73 | 0.2188 | 0.200 | 9.4 |
| AR1260 | 20.33 | 20.25 | 20.39 | 0.2005 | 0.200 | 0.3 |
| DCB | 30.26 | 30.15 | 30.35 | 0.0214 | 0.0200 | 7.0 |

Ave %D = 7.7

* Value >15.0% Difference

*Not Target
Compound
of interest*

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/16/98 10:13:02 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|-----|
| | | From | To | | | |
| AR1254 | 17.52 | 17.43 | 17.57 | 0.201 | 0.200 | 0.3 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/16/98 18:44:57 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|------|
| | | From | To | | | |
| 4C3N | 2.86 | 2.81 | 2.91 | 0.0562 | 0.0500 | 12.4 |
| TCMX | 8.52 | 8.46 | 8.56 | 0.0211 | 0.0200 | 5.5 |
| AR1016 | 10.67 | 10.59 | 10.73 | 0.2165 | 0.200 | 8.2 |
| AR1260 | 20.34 | 20.25 | 20.39 | 0.2035 | 0.200 | 1.7 |
| DCB | 30.27 | 30.15 | 30.35 | 0.0220 | 0.0200 | 10.0 |

Ave %D = 7.6

* Value >15.0% Difference

FORM VII PCB

174

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/16/98 19:27:37 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|-----|
| | | From | To | | | |
| AR1254 | 17.51 | 17.43 | 17.57 | 0.203 | 0.200 | 1.7 |

* Value >15.0% Difference

FORM VII PCB

175

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/17/98 3:59 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| 4C3N | 2.86 | 2.81 | 2.91 | 0.0557 | 0.0500 | 11.4 |
| TCMX | 8.52 | 8.46 | 8.56 | 0.0209 | 0.0200 | 4.5 |
| AR1016 | 10.67 | 10.59 | 10.73 | 0.2144 | 0.200 | 7.2 |
| AR1260 | 20.33 | 20.25 | 20.39 | 0.1988 | 0.200 | -0.6 |
| DCB | 30.26 | 30.15 | 30.35 | 0.0212 | 0.0200 | 6.0 |

Ave %D = 5.9

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/17/98 4:41:50 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|-----|
| | | From | To | | | |
| AR1254 | 17.51 | 17.43 | 17.57 | 0.200 | 0.200 | 0.1 |

* Value >15.0% Difference

FORM VII PCB

177

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/29/98 to: 4/29/98

Date/Time Analyzed :

5/17/98 11:48 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|-------|
| | | From | To | | | |
| 4C3N | 2.87 | 2.81 | 2.91 | 0.0565 | 0.0500 | 13.0 |
| TCMX | 8.53 | 8.46 | 8.56 | 0.0209 | 0.0200 | 4.5 |
| AR1016 | 10.67 | 10.59 | 10.73 | 0.2037 | 0.200 | 1.8 |
| AR1260 | 20.34 | 20.25 | 20.39 | 0.1710 | 0.200 | -14.5 |
| DCB | 30.26 | 30.15 | 30.35 | 0.0188 | 0.0200 | -6.0 |

Ave %D = 8.0

* Value >15.0% Difference

FORM VII PCB

178

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/17/98 12:30:53 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|-------|
| | | From | To | | | |
| AR1254 | 17.51 | 17.43 | 17.57 | 0.176 | 0.200 | -12.1 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/29/98 to: 4/29/98

Date/Time Analyzed :

5/19/98 11:24 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|---------------|-------------------|------|
| | | From | To | | | |
| 4C3N | 2.86 | 2.81 | 2.91 | 0.0553 | 0.0500 | 10.6 |
| TCMX | 8.52 | 8.46 | 8.56 | 0.0204 | 0.0200 | 2.0 |
| AR1016 | 10.67 | 10.59 | 10.73 | 0.2085 | 0.200 | 4.2 |
| AR1260 | 20.33 | 20.25 | 20.39 | 0.1898 | 0.200 | -5.1 |
| DCB | 30.27 | 30.15 | 30.35 | 0.0204 | 0.0200 | 2.0 |

Ave %D = 4.8

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/19/98 12:13:16 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| AR1254 | 17.51 | 17.43 | 17.57 | 0.195 | 0.200 | -2.7 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/19/98 21:34:25 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| 4C3N | 2.85 | 2.81 | 2.91 | 0.0535 | 0.0500 | 7.0 |
| TCMX | 8.52 | 8.46 | 8.56 | 0.0206 | 0.0200 | 3.0 |
| AR1016 | 10.67 | 10.59 | 10.73 | 0.2079 | 0.200 | 4.0 |
| AR1260 | 20.33 | 20.25 | 20.39 | 0.1935 | 0.200 | -3.3 |
| DCB | 30.27 | 30.15 | 30.35 | 0.0207 | 0.0200 | 3.5 |

Ave %D = 4.1

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/19/98 22:17:04 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| AR1254 | 17.51 | 17.43 | 17.57 | 0.200 | 0.200 | -0.2 |

* Value >15.0% Difference

FORM VII PCB

183

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/20/98 6:49:37 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| AR1254 | 17.51 | 17.43 | 17.57 | 0.182 | 0.200 | -9.2 |

* Value >15.0% Difference

FORM VII PCB

184

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/29/98 to: 4/29/98

Date/Time Analyzed:

5/20/98 7:32 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|--------|
| | | From | To | | | |
| 4C3N | 2.86 | 2.81 | 2.91 | 0.0591 | 0.0500 | 18.2 * |
| TCMX | 8.52 | 8.46 | 8.56 | 0.0210 | 0.0200 | 5.0 |
| AR1016 | 10.67 | 10.59 | 10.73 | 0.2070 | 0.200 | 3.5 |
| AR1260 | 20.34 | 20.25 | 20.39 | 0.1787 | 0.200 | -10.7 |
| DCB | 30.27 | 30.15 | 30.35 | 0.0194 | 0.0200 | -3.0 |

Ave %D = 8.1

* Value >15.0% Difference

Not Found
Compound
5/20/98

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/20/98 16:39:18 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| AR1254 | 17.52 | 17.43 | 17.57 | 0.183 | 0.200 | -8.3 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/20/98 17:22:03 PM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|--------|
| | | From | To | | | |
| 4C3N | 2.87 | 2.81 | 2.91 | 0.0604 | 0.0500 | 20.8 * |
| TCMX | 8.53 | 8.46 | 8.56 | 0.0211 | 0.0200 | 5.5 |
| AR1016 | 10.68 | 10.59 | 10.73 | 0.2088 | 0.200 | 4.4 |
| AR1260 | 20.34 | 20.25 | 20.39 | 0.1803 | 0.200 | -9.9 |
| DCB | 30.28 | 30.15 | 30.35 | 0.0198 | 0.0200 | -1.0 |

Ave %D = 8.3

* Value >15.0% Difference

*Not Found
Compound
5/20/98*

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/30/98 to: 04/30/98

Date/Time Analyzed : 5/21/98 1:10:37 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|------|
| | | From | To | | | |
| AR1254 | 17.51 | 17.43 | 17.57 | 0.186 | 0.200 | -7.2 |

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

ICAL Date(s) Analyzed:

Column: RTX-35

04/29/98 to: 4/29/98

Date/Time Analyzed : 5/21/98 1:53 AM

| COMPOUND | RT | INITIAL WINDOW | | Calc Amt.(ng) | Expected Amt.(ng) | % D |
|----------|-------|----------------|-------|------------------|----------------------|--------|
| | | From | To | | | |
| 4C3N | 2.86 | 2.81 | 2.91 | 0.0620 | 0.0500 | 24.0 * |
| TCMX | 8.52 | 8.46 | 8.56 | 0.0211 | 0.0200 | 5.5 |
| AR1016 | 10.67 | 10.59 | 10.73 | 0.2085 | 0.200 | 4.2 |
| AR1260 | 20.34 | 20.25 | 20.39 | 0.1823 | 0.200 | -8.9 |
| DCB | 30.26 | 30.15 | 30.35 | 0.0200 | 0.0200 | 0.0 |

Ave %D = 8.5

* Value >15.0% Difference

Not Target compound Shown

FORM VII PCB

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

Date(s) Analyzed:

Column: RTX-5

4/29/98 to 4/29/98

| COMPOUND | LEVEL | | | | | INITIAL WINDOW | |
|----------------|-------|-------|-------|--------|-----------------|----------------|-------|
| | LOW | MED | HIGH | AVE RT | WINDOW (+/-) | From | To |
| 4C3N | 3.13 | 3.13 | 3.14 | 3.13 | 0.05 | 3.08 | 3.18 |
| TCMX | 9.56 | 9.56 | 9.57 | 9.56 | 0.05 | 9.51 | 9.61 |
| Aroclor 1016-1 | 10.89 | 10.89 | 10.90 | 10.89 | 0.07 | 10.82 | 10.96 |
| Aroclor 1016-2 | 13.11 | 13.11 | 13.11 | 13.11 | 0.07 | 13.04 | 13.18 |
| Aroclor 1016-3 | 14.08 | 14.08 | 14.09 | 14.08 | 0.07 | 14.01 | 14.15 |
| Aroclor 1016-4 | 14.45 | 14.45 | 14.45 | 14.45 | 0.07 | 14.38 | 14.52 |
| Aroclor 1016-5 | 14.73 | 14.73 | 14.74 | 14.73 | 0.07 | 14.66 | 14.80 |
| Aroclor 1260-1 | 20.64 | 20.64 | 20.65 | 20.64 | 0.07 | 20.57 | 20.71 |
| Aroclor 1260-2 | 21.47 | 21.47 | 21.48 | 21.47 | 0.07 | 21.40 | 21.54 |
| Aroclor 1260-3 | 22.47 | 22.47 | 22.48 | 22.47 | 0.07 | 22.40 | 22.54 |
| Aroclor 1260-4 | 24.80 | 24.80 | 24.81 | 24.80 | 0.07 | 24.73 | 24.87 |
| Aroclor 1260-5 | 25.84 | 25.84 | 25.85 | 25.84 | 0.07 | 25.77 | 25.91 |
| DCB | 30.97 | 30.97 | 30.98 | 30.97 | 0.10 | 30.87 | 31.07 |

6J

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: E & E INC.

Contract:

Instrument: HP68901A

Date(s) Analyzed:

Column: RTX-5

4/30/98 to 4/30/98

| COMPOUND | LEVEL | | | | | INITIAL WINDOW | |
|----------------|-------|-------|-------|--------|-----------------|----------------|-------|
| | LOW | MED | HIGH | AVE RT | WINDOW (+/-) | From | To |
| TCMX | 9.56 | 9.57 | 9.57 | 9.57 | 0.07 | 9.50 | 9.64 |
| Aroclor 1254-1 | 17.65 | 17.66 | 17.66 | 17.66 | 0.07 | 17.59 | 17.73 |
| Aroclor 1254-2 | 18.45 | 18.45 | 18.46 | 18.45 | 0.07 | 18.38 | 18.52 |
| Aroclor 1254-3 | 19.79 | 19.79 | 19.80 | 19.79 | 0.07 | 19.72 | 19.86 |
| Aroclor 1254-4 | 20.69 | 20.69 | 20.70 | 20.69 | 0.07 | 20.62 | 20.76 |
| Aroclor 1254-5 | 22.47 | 22.47 | 22.48 | 22.47 | 0.07 | 22.40 | 22.54 |
| DCB | 30.96 | 30.97 | 30.98 | 30.97 | 0.07 | 30.90 | 31.04 |
| | | | | | | | |

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

Date(s) Analyzed:

Column: RTX-35

4/29/98 to

4/29/98

| COMPOUND | LEVEL | | | | | WINDOW (+/-) | INITIAL WINDOW | |
|----------------|-------|-------|-------|--------|--------|-----------------|----------------|----|
| | LOW | MED | HIGH | AVE RT | WINDOW | | From | To |
| 4C3N | 2.86 | 2.85 | 2.86 | 2.86 | 0.05 | 2.81 | 2.91 | |
| TCMX | 8.51 | 8.51 | 8.51 | 8.51 | 0.05 | 8.46 | 8.56 | |
| Aroclor 1016-1 | 10.66 | 10.66 | 10.66 | 10.66 | 0.07 | 10.59 | 10.73 | |
| Aroclor 1016-2 | 12.22 | 12.22 | 12.22 | 12.22 | 0.07 | 12.15 | 12.29 | |
| Aroclor 1016-3 | 13.70 | 13.71 | 13.71 | 13.71 | 0.07 | 13.64 | 13.78 | |
| Aroclor 1016-4 | 14.23 | 14.23 | 14.23 | 14.23 | 0.07 | 14.16 | 14.30 | |
| Aroclor 1016-5 | 14.68 | 14.68 | 14.68 | 14.68 | 0.07 | 14.61 | 14.75 | |
| Aroclor 1260-1 | 20.32 | 20.32 | 20.33 | 20.32 | 0.07 | 20.25 | 20.39 | |
| Aroclor 1260-2 | 20.79 | 20.80 | 20.80 | 20.80 | 0.07 | 20.73 | 20.87 | |
| Aroclor 1260-3 | 22.22 | 22.22 | 22.22 | 22.22 | 0.07 | 22.15 | 22.29 | |
| Aroclor 1260-4 | 23.61 | 23.61 | 23.62 | 23.61 | 0.07 | 23.54 | 23.68 | |
| Aroclor 1260-5 | 24.24 | 24.24 | 24.24 | 24.24 | 0.07 | 24.17 | 24.31 | |
| DCB | 30.25 | 30.25 | 30.26 | 30.25 | 0.10 | 30.15 | 30.35 | |

6J

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: E & E INC.

Contract:

Instrument: HP68901B

Date(s) Analyzed:

Column: RTX-35

4/30/98 to 4/30/98

| COMPOUND | LEVEL | | | | | INITIAL WINDOW | |
|----------------|-------|-------|-------|--------|-----------------|----------------|-------|
| | LOW | MED | HIGH | AVE RT | WINDOW (+/-) | From | To |
| TCMX | 8.51 | 8.51 | 8.52 | 8.51 | 0.07 | 8.44 | 8.58 |
| Aroclor 1254-1 | 17.50 | 17.50 | 17.51 | 17.50 | 0.07 | 17.43 | 17.57 |
| Aroclor 1254-2 | 17.90 | 17.90 | 17.90 | 17.90 | 0.07 | 17.83 | 17.97 |
| Aroclor 1254-3 | 19.66 | 19.66 | 19.66 | 19.66 | 0.07 | 19.59 | 19.73 |
| Aroclor 1254-4 | 20.80 | 20.79 | 20.80 | 20.80 | 0.07 | 20.73 | 20.87 |
| Aroclor 1254-5 | 22.22 | 22.22 | 22.23 | 22.22 | 0.07 | 22.15 | 22.29 |
| DCB | 30.25 | 30.25 | 30.26 | 30.25 | 0.07 | 30.18 | 30.32 |

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC.

Contract:

Lab Code: EANDE

Case No.: 9800.898

SAS No.:

SDG No.: 6041

GC Column: RTX-5

ID: 0.53 (mm) Init. Calib. Date(s): 04/29/98 04/30/98

Instrument ID: 68901A

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

| MEAN SURROGATE RT FROM INITIAL CALIBRATION | | | | | |
|--|--------------|------------------|------------------|------------------|---------------|
| | TCX: 9.57 | LAB SAMPLE ID | DATE ANALYZED | TIME ANALYZED | DCB: 31.00 |
| 01 | AR1660M | AR1660M | 04/29/98 | 2231 | 9.56 |
| 02 | AR1254M | AR1254M | 04/30/98 | 0703 | 9.57 |
| 03 | AR1254M1 | AR1254M1 | 05/11/98 | 1001 | 9.57 |
| 04 | AR1660M1 | AR1660M1 | 05/11/98 | 1044 | 9.57 |
| 05 | PBLKS1 | 1338-17-1 | 05/11/98 | 1203 | 9.58 |
| 06 | ZZZZZ | 1338-17-2 | 05/11/98 | 1246 | 9.56 |
| 07 | A1-001 | 6041 | 05/11/98 | 1328 | 9.57 |
| 08 | A1-002 | 6042 | 05/11/98 | 1411 | * |
| 09 | A1-003 | 6043 | 05/11/98 | 1453 | 9.57 |
| 10 | ZZZZZ | 604401 | 05/11/98 | 1536 | 9.57 |
| 11 | A1-005 | 6045 | 05/11/98 | 1619 | 9.57 |
| 12 | A1-006 | 6046 | 05/11/98 | 1701 | 9.57 |
| 13 | A1-007 | 6047 | 05/11/98 | 1744 | 9.57 |
| 14 | A1-007A | 6048 | 05/11/98 | 1826 | 9.57 |
| 15 | AR1254M2 | AR1254M2 | 05/11/98 | 1951 | 9.57 |
| 16 | AR1660M2 | AR1660M2 | 05/11/98 | 2033 | 9.57 |
| 17 | ZZZZZ | 604901 | 05/11/98 | 2117 | 9.57 |
| 18 | A1-007BMS | 6049MS | 05/11/98 | 2200 | 9.57 |
| 19 | A1-007BMSD | 6049MSD | 05/11/98 | 2242 | 9.57 |
| 20 | A1-007C | 6050 | 05/11/98 | 2325 | 9.57 |
| 21 | A1-008 | 6051 | 05/12/98 | 0008 | 9.57 |
| 22 | A1-009 | 6052 | 05/12/98 | 0050 | 9.57 |
| 23 | A1-010 | 6053 | 05/12/98 | 0133 | 9.57 |
| 24 | A1-011 | 6054 | 05/12/98 | 0216 | 9.57 |
| 25 | A1-012 | 6055 | 05/12/98 | 0258 | 9.57 |
| 26 | A1-013 | 6056 | 05/12/98 | 0341 | 9.57 |
| 27 | AR1254M3 | AR1254M3 | 05/12/98 | 0506 | 9.57 |
| 28 | AR1660M3 | AR1660M3 | 05/12/98 | 0549 | 9.57 |
| 29 | A1-014 | 6057 | 05/12/98 | 0631 | 9.57 |
| 30 | A1-015 | 6058 | 05/12/98 | 0714 | 9.57 |
| 31 | A1-016 | 6059 | 05/12/98 | 0757 | 9.57 |
| 32 | A1-017 | 6060 | 05/12/98 | 0839 | 9.57 |

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC.

Contract:

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 04/29/98 04/30/98

Instrument ID: 68901A

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

| MEAN SURROGATE RT FROM INITIAL CALIBRATION | | | | | |
|--|--------------|------------------|------------------|------------------|---------------|
| | TCX: 9.57 | LAB SAMPLE ID | DATE ANALYZED | TIME ANALYZED | DCB: 31.00 |
| 01 | AR1254M4 | AR1254M4 | 05/12/98 | 1004 | 9.58 |
| 02 | AR1660M4 | AR1660M4 | 05/12/98 | 1047 | 9.58 |
| 03 | A1-007B | 6049 | 05/12/98 | 1339 | 9.58 |
| 04 | AR1254M5 | AR1254M5 | 05/12/98 | 1525 | 9.58 |
| 05 | AR1660M5 | AR1660M5 | 05/12/98 | 1608 | 9.57 |
| 06 | AR1254M6 | AR1254M6 | 05/14/98 | 2321 | 9.57 |
| 07 | AR1660M6 | AR1660M6 | 05/15/98 | 0004 | 9.57 |
| 08 | ZZZZZ | 6095 | 05/15/98 | 1122 | 9.58 |
| 09 | ZZZZZ | 6209 | 05/15/98 | 1205 | 9.58 |
| 10 | ZZZZZ | 6209MS | 05/15/98 | 1247 | 9.58 |
| 11 | ZZZZZ | 6209MSD | 05/15/98 | 1330 | 9.58 |
| 12 | AR1254M7 | AR1254M7 | 05/15/98 | 1501 | 9.59 |
| 13 | AR1660M7 | AR1660M7 | 05/15/98 | 1544 | 9.58 |
| 14 | ZZZZZ | 1338-37-1 | 05/15/98 | 1626 | 9.58 |
| 15 | ZZZZZ | 1338-37-2 | 05/15/98 | 1709 | 9.58 |
| 16 | ZZZZZ | 6068 | 05/15/98 | 1752 | 9.58 |
| 17 | ZZZZZ | 6069 | 05/15/98 | 1834 | 9.58 |
| 18 | ZZZZZ | 6070 | 05/15/98 | 1917 | 9.58 |
| 19 | ZZZZZ | 6071 | 05/15/98 | 2000 | 9.58 |
| 20 | ZZZZZ | 6072 | 05/15/98 | 2042 | 9.58 |
| 21 | ZZZZZ | 6073 | 05/15/98 | 2125 | 9.58 |
| 22 | ZZZZZ | 607401 | 05/15/98 | 2207 | 9.58 |
| 23 | ZZZZZ | 607501 | 05/15/98 | 2250 | 9.58 |
| 24 | AR1660M8 | AR1660M8 | 05/16/98 | 0015 | 9.58 |
| 25 | AR1254M8 | AR1254M8 | 05/16/98 | 0058 | 9.58 |
| 26 | ZZZZZ | 607601 | 05/16/98 | 0141 | 9.57 |
| 27 | ZZZZZ | 6077 | 05/16/98 | 0223 | 9.57 |
| 28 | ZZZZZ | 6078 | 05/16/98 | 0306 | 9.57 |
| 29 | ZZZZZ | 6079 | 05/16/98 | 0349 | 9.57 |
| 30 | ZZZZZ | 608001 | 05/16/98 | 0431 | 9.57 |
| 31 | ZZZZZ | 608101 | 05/16/98 | 0514 | 9.57 |
| 32 | ZZZZZ | 6082 | 05/16/98 | 0556 | 9.57 |

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)

DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC.

Contract:

Lab Code: EANDE

Case No.: 9800.898

SAS No.:

SDG No.: 6041

GC Column: RTX-5

ID: 0.53 (mm) Init. Calib. Date(s): 04/29/98 04/30/98

Instrument ID: 68901A

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

| MEAN SURROGATE RT FROM INITIAL CALIBRATION | | | | | |
|--|--------------|------------------|------------------|------------------|---------------|
| | TCX: 9.57 | LAB SAMPLE ID | DATE ANALYZED | TIME ANALYZED | DCB: 31.00 |
| 01 | ZZZZZ | 608301 | 05/16/98 | 0639 | 9.57 |
| 02 | ZZZZZ | 6083MS01 | 05/16/98 | 0722 | 9.57 |
| 03 | ZZZZZ | 6083MSD01 | 05/16/98 | 0804 | 9.57 |
| 04 | AR1660M9 | AR1660M9 | 05/16/98 | 0930 | 9.58 |
| 05 | AR1254M9 | AR1254M9 | 05/16/98 | 1013 | 9.58 |
| 06 | ZZZZZ | 608401 | 05/16/98 | 1055 | 9.58 |
| 07 | ZZZZZ | 608501 | 05/16/98 | 1138 | 9.58 |
| 08 | ZZZZZ | 6086 | 05/16/98 | 1220 | 9.58 |
| 09 | ZZZZZ | 6087 | 05/16/98 | 1303 | 9.58 |
| 10 | ZZZZZ | 1338-39-1 | 05/16/98 | 1346 | 9.58 |
| 11 | ZZZZZ | 1338-39-2 | 05/16/98 | 1428 | 9.57 |
| 12 | ZZZZZ | 6088 | 05/16/98 | 1511 | 9.57 |
| 13 | ZZZZZ | 6089 | 05/16/98 | 1554 | 9.57 |
| 14 | ZZZZZ | 6090 | 05/16/98 | 1636 | 9.58 |
| 15 | ZZZZZ | 6091 | 05/16/98 | 1719 | 9.58 |
| 16 | AR166010 | AR1660M10 | 05/16/98 | 1844 | 9.57 |
| 17 | AR125410 | AR1254M10 | 05/16/98 | 1927 | 9.58 |
| 18 | ZZZZZ | 6092 | 05/16/98 | 2010 | 9.58 |
| 19 | ZZZZZ | 6093 | 05/16/98 | 2053 | 9.58 |
| 20 | ZZZZZ | 6094 | 05/16/98 | 2135 | 9.58 |
| 21 | ZZZZZ | 6198 | 05/16/98 | 2218 | 9.58 |
| 22 | ZZZZZ | 6199 | 05/16/98 | 2300 | 9.58 |
| 23 | ZZZZZ | 6200 | 05/16/98 | 2343 | 9.57 |
| 24 | ZZZZZ | 6201 | 05/17/98 | 0026 | 9.58 |
| 25 | ZZZZZ | 6202 | 05/17/98 | 0108 | 9.57 |
| 26 | ZZZZZ | 6203 | 05/17/98 | 0151 | 9.58 |
| 27 | ZZZZZ | 6204 | 05/17/98 | 0234 | 9.57 |
| 28 | AR166011 | AR1660M11 | 05/17/98 | 0359 | 9.57 |
| 29 | AR125411 | AR1254M11 | 05/17/98 | 0441 | 9.57 |
| 30 | ZZZZZ | 6205 | 05/17/98 | 0524 | 9.58 |
| 31 | ZZZZZ | 6206 | 05/17/98 | 0607 | 9.57 |
| 32 | ZZZZZ | 6207 | 05/17/98 | 0649 | 9.57 |

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)

DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.

* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC.

Contract:

Lab Code: EANDE

Case No.: 9800.898

SAS No.:

SDG No.: 6041

GC Column: RTX-5

ID: 0.53 (mm) Init. Calib. Date(s): 04/29/98 04/30/98

Instrument ID: 68901A

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

| MEAN SURROGATE RT FROM INITIAL CALIBRATION | | | | | |
|--|--------------|------------------|------------------|------------------|---------------|
| | TCX: 9.57 | LAB SAMPLE ID | DATE ANALYZED | TIME ANALYZED | DCB: 31.00 |
| 01 | ZZZZZ | 6208 | 05/17/98 | 0732 | 9.57 |
| 02 | ZZZZZ | 6096 | 05/17/98 | 0815 | 31.11 |
| 03 | ZZZZZ | 6097 | 05/17/98 | 0857 | 31.05 |
| 04 | ZZZZZ | 6198MS | 05/17/98 | 0940 | 9.58 |
| 05 | ZZZZZ | 6198MSD | 05/17/98 | 1022 | 9.58 |
| 06 | AR166012 | AR1660M12 | 05/17/98 | 1148 | 9.58 |
| 07 | AR125412 | AR1254M12 | 05/17/98 | 1230 | 9.58 |
| 08 | AR166013 | AR1660M13 | 05/19/98 | 1124 | 9.58 |
| 09 | AR125413 | AR1254M13 | 05/19/98 | 1213 | 9.59 |
| 10 | ZZZZZ | 6074 | 05/19/98 | 1328 | 9.59 |
| 11 | ZZZZZ | 6075 | 05/19/98 | 1410 | 9.57 |
| 12 | ZZZZZ | 6076 | 05/19/98 | 1453 | 9.57 |
| 13 | ZZZZZ | 6080 | 05/19/98 | 1536 | 9.58 |
| 14 | ZZZZZ | 6081 | 05/19/98 | 1618 | 9.58 |
| 15 | ZZZZZ | 6083 | 05/19/98 | 1701 | 9.58 |
| 16 | ZZZZZ | 6083MS | 05/19/98 | 1744 | 9.58 |
| 17 | ZZZZZ | 6083MSD | 05/19/98 | 1843 | 9.59 |
| 18 | ZZZZZ | 6084 | 05/19/98 | 1926 | 9.57 |
| 19 | ZZZZZ | 6085 | 05/19/98 | 2009 | 9.57 |
| 20 | AR166014 | AR1660M14 | 05/19/98 | 2134 | 9.57 |
| 21 | AR125414 | AR1254M14 | 05/19/98 | 2217 | 9.57 |
| 22 | ZZZZZ | 1338-41-1 | 05/19/98 | 2259 | 9.57 |
| 23 | ZZZZZ | 1338-41-2 | 05/19/98 | 2342 | 9.57 |
| 24 | ZZZZZ | 6178 | 05/20/98 | 0024 | 9.57 |
| 25 | ZZZZZ | 617901 | 05/20/98 | 0106 | 9.57 |
| 26 | ZZZZZ | 6179MS01 | 05/20/98 | 0150 | 9.57 |
| 27 | ZZZZZ | 6179MSD01 | 05/20/98 | 0233 | 9.58 |
| 28 | ZZZZZ | 6180 | 05/20/98 | 0315 | 9.58 |
| 29 | ZZZZZ | 6181 | 05/20/98 | 0358 | 9.57 |
| 30 | ZZZZZ | 6182 | 05/20/98 | 0441 | 9.58 |
| 31 | ZZZZZ | 6183 | 05/20/98 | 0523 | 9.58 |
| 32 | AR125415 | AR1254M15 | 05/20/98 | 0649 | 9.58 |

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)

DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.

* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC.

Contract:

Lab Code: EANDE

Case No.: 9800.898

SAS No.:

SDG No.: 6041

GC Column: RTX-5

ID: 0.53 (mm) Init. Calib. Date(s): 04/29/98 04/30/98

Instrument ID: 68901A

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

| MEAN SURROGATE RT FROM INITIAL CALIBRATION | | | | | |
|--|------------------|------------------|------------------|-------------|-------------|
| | TCX: 9.57 | DCB: 31.00 | | | |
| EPA SAMPLE NO. | LAB SAMPLE ID | DATE ANALYZED | TIME ANALYZED | TCX RT # | DCB RT # |
| ===== | ===== | ===== | ===== | ===== | ===== |
| 01 AR166015 | AR1660M15 | 05/20/98 | 0732 | 9.58 | 30.99 |
| 02 ZZZZZ | 6184 | 05/20/98 | 0814 | 9.58 | 30.99 |
| 03 ZZZZZ | 6185 | 05/20/98 | 0857 | 9.58 | 30.99 |
| 04 ZZZZZ | 6186 | 05/20/98 | 0940 | 9.58 | 30.99 |
| 05 ZZZZZ | 6187 | 05/20/98 | 1022 | 9.58 | 30.99 |
| 06 ZZZZZ | 6188 | 05/20/98 | 1105 | 9.58 | 30.99 |
| 07 ZZZZZ | 6189 | 05/20/98 | 1148 | 9.59 | 31.00 |
| 08 ZZZZZ | 6190 | 05/20/98 | 1230 | 9.59 | 31.00 |
| 09 ZZZZZ | 6191 | 05/20/98 | 1348 | 9.60 | 31.00 |
| 10 ZZZZZ | 6192 | 05/20/98 | 1431 | 9.59 | 31.00 |
| 11 ZZZZZ | 6193 | 05/20/98 | 1514 | 9.59 | 31.00 |
| 12 AR125416 | AR1254M16 | 05/20/98 | 1639 | 9.58 | 31.00 |
| 13 AR166016 | AR1660M16 | 05/20/98 | 1722 | 9.58 | 31.00 |
| 14 ZZZZZ | 6194 | 05/20/98 | 1804 | 9.59 | 31.02 |
| 15 ZZZZZ | 6195 | 05/20/98 | 1847 | 9.58 | 30.99 |
| 16 ZZZZZ | 6196 | 05/20/98 | 1929 | 9.58 | 30.99 |
| 17 ZZZZZ | 6197 | 05/20/98 | 2012 | 9.58 | 30.99 |
| 18 ZZZZZ | 6179 | 05/20/98 | 2055 | 9.58 | 30.99 |
| 19 ZZZZZ | 6179MS | 05/20/98 | 2137 | 9.58 | 30.99 |
| 20 ZZZZZ | 6179MSD | 05/20/98 | 2220 | 9.57 | 30.98 |
| 21 A1-004 | 6044 | 05/20/98 | 2302 | 9.57 | 30.97 |
| 22 AR125417 | AR1254M17 | 05/21/98 | 0110 | 9.57 | 30.98 |
| 23 AR166017 | AR1660M17 | 05/21/98 | 0153 | 9.58 | 30.99 |

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)

DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC.

Contract:

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 04/29/98 04/30/98

Instrument ID: 68901B

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

| MEAN SURROGATE RT FROM INITIAL CALIBRATION | | | | TCX | DCB |
|--|--------------|---------------|----------|--------|------|
| | TCX: 8.53 | DCB: 30.25 | | RT # | RT # |
| 01 | AR1660M | AR1660M | 04/29/98 | 2231 | 8.51 |
| 02 | AR1254M | AR1254M | 04/30/98 | 0703 | 8.51 |
| 03 | AR1254M1 | AR1254M1 | 05/11/98 | 1001 ✓ | 8.51 |
| 04 | AR1660M1 | AR1660M1 | 05/11/98 | 1044 ✓ | 8.51 |
| 05 | PBLKS1 | 1338-17-1 | 05/11/98 | 1203 | 8.51 |
| 06 | ZZZZZ | 1338-17-2 | 05/11/98 | 1246 | 8.52 |
| 07 | A1-001 | 6041 | 05/11/98 | 1328 | 8.52 |
| 08 | A1-002 | 6042 | 05/11/98 | 1411 | * |
| 09 | A1-003 | 6043 | 05/11/98 | 1453 | 8.52 |
| 10 | ZZZZZ | 604401 | 05/11/98 | 1536 | 8.52 |
| 11 | A1-005 | 6045 | 05/11/98 | 1619 | 8.52 |
| 12 | A1-006 | 6046 | 05/11/98 | 1701 | 8.52 |
| 13 | A1-007 | 6047 | 05/11/98 | 1744 | 8.52 |
| 14 | A1-007A | 6048 | 05/11/98 | 1826 | 8.52 |
| 15 | AR1254M2 | AR1254M2 | 05/11/98 | 1951 ✓ | 8.52 |
| 16 | AR1660M2 | AR1660M2 | 05/11/98 | 2033 ✓ | 8.51 |
| 17 | ZZZZZ | 604901 | 05/11/98 | 2117 | 8.52 |
| 18 | A1-007BMS | 6049MS | 05/11/98 | 2200 | 8.52 |
| 19 | A1-007BMSD | 6049MSD | 05/11/98 | 2242 | 8.52 |
| 20 | A1-007C | 6050 | 05/11/98 | 2325 | 8.52 |
| 21 | A1-008 | 6051 | 05/12/98 | 0008 | 8.52 |
| 22 | A1-009 | 6052 | 05/12/98 | 0050 | 8.52 |
| 23 | A1-010 | 6053 | 05/12/98 | 0133 | 8.52 |
| 24 | A1-011 | 6054 | 05/12/98 | 0216 | 8.52 |
| 25 | A1-012 | 6055 | 05/12/98 | 0258 | 8.52 |
| 26 | A1-013 | 6056 | 05/12/98 | 0341 | 8.51 |
| 27 | AR1254M3 | AR1254M3 | 05/12/98 | 0506 ✓ | 8.52 |
| 28 | AR1660M3 | AR1660M3 | 05/12/98 | 0549 ✓ | 8.51 |
| 29 | A1-014 | 6057 | 05/12/98 | 0631 | 8.52 |
| 30 | A1-015 | 6058 | 05/12/98 | 0714 | 8.52 |
| 31 | A1-016 | 6059 | 05/12/98 | 0757 | 8.52 |
| 32 | A1-017 | 6060 | 05/12/98 | 0839 | 8.52 |

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)

DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.

* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC.

Contract:

Lab Code: EANDE

Case No.: 9800.898

SAS No.:

SDG No.: 6041

GC Column: RTX-35

ID: 0.53 (mm) Init. Calib. Date(s): 04/29/98 04/30/98

Instrument ID: 68901B

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

| MEAN SURROGATE RT FROM INITIAL CALIBRATION | | | | TCX | DCB | |
|--|--------------|---------------|----------|--------|------|-------|
| | TCX: 8.53 | DCB: 30.25 | | RT # | RT # | |
| 01 | AR1254M4 | AR1254M4 | 05/12/98 | 1004 ✓ | 8.52 | 30.27 |
| 02 | AR1660M4 | AR1660M4 | 05/12/98 | 1047 ✓ | 8.52 | 30.27 |
| 03 | A1-007B | 6049 | 05/12/98 | 1339 | 8.51 | 30.26 |
| 04 | AR1254M5 | AR1254M5 | 05/12/98 | 1525 ✓ | 8.52 | 30.27 |
| 05 | AR1660M5 | AR1660M5 | 05/12/98 | 1608 ✓ | 8.52 | 30.27 |
| 06 | AR1254M6 | AR1254M6 | 05/14/98 | 2321 | 8.52 | 30.26 |
| 07 | AR1660M6 | AR1660M6 | 05/15/98 | 0004 | 8.52 | 30.26 |
| 08 | ZZZZZ | 1248-162-1 | 05/15/98 | 0047 | 8.52 | 30.26 |
| 09 | ZZZZZ | 1248-162-2 | 05/15/98 | 0129 | 8.52 | 30.26 |
| 10 | ZZZZZ | 6095 | 05/15/98 | 1122 | 8.52 | 30.26 |
| 11 | ZZZZZ | 6209 | 05/15/98 | 1205 | 8.52 | 30.26 |
| 12 | ZZZZZ | 6209MS | 05/15/98 | 1247 | 8.53 | 30.26 |
| 13 | ZZZZZ | 6209MSD | 05/15/98 | 1330 | 8.53 | 30.26 |
| 14 | AR1254M7 | AR1254M7 | 05/15/98 | 1501 | 8.53 | 30.27 |
| 15 | AR1660M7 | AR1660M7 | 05/15/98 | 1544 | 8.53 | 30.27 |
| 16 | ZZZZZ | 1338-37-1 | 05/15/98 | 1626 | 8.53 | 30.27 |
| 17 | ZZZZZ | 1338-37-2 | 05/15/98 | 1709 | 8.53 | 30.27 |
| 18 | ZZZZZ | 6068 | 05/15/98 | 1752 | 8.53 | 30.27 |
| 19 | ZZZZZ | 6069 | 05/15/98 | 1834 | 8.53 | 30.27 |
| 20 | ZZZZZ | 6070 | 05/15/98 | 1917 | 8.52 | 30.26 |
| 21 | ZZZZZ | 6071 | 05/15/98 | 2000 | 8.52 | 30.26 |
| 22 | ZZZZZ | 6072 | 05/15/98 | 2042 | 8.52 | 30.26 |
| 23 | ZZZZZ | 6073 | 05/15/98 | 2125 | 8.52 | 30.26 |
| 24 | ZZZZZ | 607401 | 05/15/98 | 2207 | 8.52 | 30.26 |
| 25 | ZZZZZ | 607501 | 05/15/98 | 2250 | 8.52 | 30.26 |
| 26 | AR1660M8 | AR1660M8 | 05/16/98 | 0015 | 8.52 | 30.26 |
| 27 | AR1254M8 | AR1254M8 | 05/16/98 | 0058 | 8.52 | 30.26 |
| 28 | ZZZZZ | 607601 | 05/16/98 | 0141 | 8.52 | 30.26 |
| 29 | ZZZZZ | 6077 | 05/16/98 | 0223 | 8.52 | 30.26 |
| 30 | ZZZZZ | 6078 | 05/16/98 | 0306 | 8.52 | 30.26 |
| 31 | ZZZZZ | 6079 | 05/16/98 | 0349 | 8.52 | 30.26 |
| 32 | ZZZZZ | 608001 | 05/16/98 | 0431 | 8.52 | 30.26 |

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)

DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.

* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC.

Contract:

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 04/29/98 04/30/98

Instrument ID: 68901B

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

| MEAN SURROGATE RT FROM INITIAL CALIBRATION | | | | | |
|--|--------------|------------------|------------------|------------------|---------------|
| | TCX: 8.53 | LAB SAMPLE ID | DATE ANALYZED | TIME ANALYZED | DCB: 30.25 |
| 01 | ZZZZZ | 608101 | 05/16/98 | 0514 | 8.52 |
| 02 | ZZZZZ | 6082 | 05/16/98 | 0556 | 8.52 |
| 03 | ZZZZZ | 608301 | 05/16/98 | 0639 | 8.52 |
| 04 | ZZZZZ | 6083MS01 | 05/16/98 | 0722 | 8.52 |
| 05 | ZZZZZ | 6083MSD01 | 05/16/98 | 0804 | 8.52 |
| 06 | AR1660M9 | AR1660M9 | 05/16/98 | 0930 | 8.52 |
| 07 | AR1254M9 | AR1254M9 | 05/16/98 | 1013 | 8.53 |
| 08 | ZZZZZ | 608401 | 05/16/98 | 1055 | 8.52 |
| 09 | ZZZZZ | 608501 | 05/16/98 | 1138 | 8.52 |
| 10 | ZZZZZ | 6086 | 05/16/98 | 1220 | 8.53 |
| 11 | ZZZZZ | 6087 | 05/16/98 | 1303 | 8.53 |
| 12 | ZZZZZ | 1338-39-1 | 05/16/98 | 1346 | 8.53 |
| 13 | ZZZZZ | 1338-39-2 | 05/16/98 | 1428 | 8.52 |
| 14 | ZZZZZ | 6088 | 05/16/98 | 1511 | 8.53 |
| 15 | ZZZZZ | 6089 | 05/16/98 | 1554 | 8.52 |
| 16 | ZZZZZ | 6090 | 05/16/98 | 1636 | 8.53 |
| 17 | ZZZZZ | 6091 | 05/16/98 | 1719 | 8.52 |
| 18 | AR166010 | AR1660M10 | 05/16/98 | 1844 | 8.52 |
| 19 | AR125410 | AR1254M10 | 05/16/98 | 1927 | 8.52 |
| 20 | ZZZZZ | 6092 | 05/16/98 | 2010 | 8.52 |
| 21 | ZZZZZ | 6093 | 05/16/98 | 2053 | 8.52 |
| 22 | ZZZZZ | 6094 | 05/16/98 | 2135 | 8.52 |
| 23 | ZZZZZ | 6198 | 05/16/98 | 2218 | 8.52 |
| 24 | ZZZZZ | 6199 | 05/16/98 | 2300 | 8.52 |
| 25 | ZZZZZ | 6200 | 05/16/98 | 2343 | 8.52 |
| 26 | ZZZZZ | 6201 | 05/17/98 | 0026 | 8.52 |
| 27 | ZZZZZ | 6202 | 05/17/98 | 0108 | 8.52 |
| 28 | ZZZZZ | 6203 | 05/17/98 | 0151 | 8.52 |
| 29 | ZZZZZ | 6204 | 05/17/98 | 0234 | 8.52 |
| 30 | AR166011 | AR1660M11 | 05/17/98 | 0359 | 8.52 |
| 31 | AR125411 | AR1254M11 | 05/17/98 | 0441 | 8.52 |
| 32 | ZZZZZ | 6205 | 05/17/98 | 0524 | 8.52 |

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC.

Contract:

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 04/29/98 04/30/98

Instrument ID: 68901B

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

| MEAN SURROGATE RT FROM INITIAL CALIBRATION | | | | | |
|--|--------------|------------------|------------------|------------------|---------------|
| | TCX: 8.53 | LAB SAMPLE ID | DATE ANALYZED | TIME ANALYZED | DCB: 30.25 |
| 01 | ZZZZZ | 6206 | 05/17/98 | 0607 | 8.51 |
| 02 | ZZZZZ | 6207 | 05/17/98 | 0649 | 8.52 |
| 03 | ZZZZZ | 6208 | 05/17/98 | 0732 | 8.52 |
| 04 | ZZZZZ | 6096 | 05/17/98 | 0815 | 8.58 |
| 05 | ZZZZZ | 6097 | 05/17/98 | 0857 | 30.32 |
| 06 | ZZZZZ | 6198MS | 05/17/98 | 0940 | 8.53 |
| 07 | ZZZZZ | 6198MSD | 05/17/98 | 1022 | 8.52 |
| 08 | AR166012 | AR1660M12 | 05/17/98 | 1148 | 8.53 |
| 09 | AR125412 | AR1254M12 | 05/17/98 | 1230 | 8.52 |
| 10 | AR166013 | AR1660M13 | 05/19/98 | 1124 | 8.52 |
| 11 | AR125413 | AR1254M13 | 05/19/98 | 1213 | 8.52 |
| 12 | ZZZZZ | 6074 | 05/19/98 | 1328 | 8.52 |
| 13 | ZZZZZ | 6075 | 05/19/98 | 1410 | 8.52 |
| 14 | ZZZZZ | 6076 | 05/19/98 | 1453 | 8.52 |
| 15 | ZZZZZ | 6080 | 05/19/98 | 1536 | 8.53 |
| 16 | ZZZZZ | 6081 | 05/19/98 | 1618 | 8.53 |
| 17 | ZZZZZ | 6083 | 05/19/98 | 1701 | 8.52 |
| 18 | ZZZZZ | 6083MS | 05/19/98 | 1744 | 8.52 |
| 19 | ZZZZZ | 6083MSD | 05/19/98 | 1843 | 8.52 |
| 20 | ZZZZZ | 6084 | 05/19/98 | 1926 | 8.52 |
| 21 | ZZZZZ | 6085 | 05/19/98 | 2009 | 8.52 |
| 22 | AR166014 | AR1660M14 | 05/19/98 | 2134 | 8.52 |
| 23 | AR125414 | AR1254M14 | 05/19/98 | 2217 | 8.52 |
| 24 | ZZZZZ | 1338-41-1 | 05/19/98 | 2259 | 8.52 |
| 25 | ZZZZZ | 1338-41-2 | 05/19/98 | 2342 | 8.52 |
| 26 | ZZZZZ | 6178 | 05/20/98 | 0024 | 8.52 |
| 27 | ZZZZZ | 617901 | 05/20/98 | 0106 | 8.52 |
| 28 | ZZZZZ | 6179MS01 | 05/20/98 | 0150 | 8.52 |
| 29 | ZZZZZ | 6179MSD01 | 05/20/98 | 0233 | 8.52 |
| 30 | ZZZZZ | 6180 | 05/20/98 | 0315 | 8.52 |
| 31 | ZZZZZ | 6181 | 05/20/98 | 0358 | 8.53 |
| 32 | ZZZZZ | 6182 | 05/20/98 | 0441 | 8.52 |

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC.

Contract:

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 04/29/98 04/30/98

Instrument ID: 68901B

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

| MEAN SURROGATE RT FROM INITIAL CALIBRATION | | | | | |
|--|--------------|------------------|------------------|------------------|---------------|
| | TCX: 8.53 | LAB SAMPLE ID | DATE ANALYZED | TIME ANALYZED | DCB: 30.25 |
| 01 | ZZZZZ | 6183 | 05/20/98 | 0523 | 8.52 |
| 02 | AR125415 | AR1254M15 | 05/20/98 | 0649 | 8.52 |
| 03 | AR166015 | AR1660M15 | 05/20/98 | 0732 | 8.52 |
| 04 | ZZZZZ | 6184 | 05/20/98 | 0814 | 8.53 |
| 05 | ZZZZZ | 6185 | 05/20/98 | 0857 | 8.53 |
| 06 | ZZZZZ | 6186 | 05/20/98 | 0940 | 8.53 |
| 07 | ZZZZZ | 6187 | 05/20/98 | 1022 | 8.53 |
| 08 | ZZZZZ | 6188 | 05/20/98 | 1105 | 8.53 |
| 09 | ZZZZZ | 6189 | 05/20/98 | 1148 | 8.53 |
| 10 | ZZZZZ | 6190 | 05/20/98 | 1230 | 8.53 |
| 11 | ZZZZZ | 6191 | 05/20/98 | 1348 | 8.53 |
| 12 | ZZZZZ | 6192 | 05/20/98 | 1431 | 8.53 |
| 13 | ZZZZZ | 6193 | 05/20/98 | 1514 | 8.53 |
| 14 | AR125416 | AR1254M16 | 05/20/98 | 1639 | 8.53 |
| 15 | AR166016 | AR1660M16 | 05/20/98 | 1722 | 8.53 |
| 16 | ZZZZZ | 6194 | 05/20/98 | 1804 | 8.53 |
| 17 | ZZZZZ | 6195 | 05/20/98 | 1847 | 8.53 |
| 18 | ZZZZZ | 6196 | 05/20/98 | 1929 | 8.53 |
| 19 | ZZZZZ | 6197 | 05/20/98 | 2012 | 8.53 |
| 20 | ZZZZZ | 6179 | 05/20/98 | 2055 | 8.52 |
| 21 | ZZZZZ | 6179MS | 05/20/98 | 2137 | 8.52 |
| 22 | ZZZZZ | 6179MSD | 05/20/98 | 2220 | 8.52 |
| 23 | A1-004 | 6044 | 05/20/98 | 2302 | 8.52 |
| 24 | AR125417 | AR1254M17 | 05/21/98 | 0110 | 8.52 |
| 25 | AR166017 | AR1660M17 | 05/21/98 | 0153 | 8.52 |

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)

DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.

* Values outside of QC limits.

10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

A1-001

Lab Name: E & E INC.

Contract:

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6041 Dates(s) Analyzed: 05/11/98 05/11/98

Instrument ID (1): 68901A

Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|--------------------|------|
| Aroclor-1254 | 1 | 17.67 | 17.59 | 17.73 | 163 | | |
| | 2 | 18.48 | 18.38 | 18.52 | 389 | | |
| COLUMN 1 | 3 | 19.81 | 19.72 | 19.86 | 373 | | |
| | 4 | 20.71 | 20.62 | 20.76 | 562 | | |
| | 5 | 22.49 | 22.40 | 22.54 | 880 | 470 | |
| COLUMN 2 | 1 | 17.52 | 17.43 | 17.57 | 160 | | |
| | 2 | 17.93 | 17.83 | 17.97 | 1110 | | |
| | 3 | 19.68 | 19.59 | 19.73 | 318 | | |
| | 4 | 20.83 | 20.72 | 20.86 | 1060 | | |
| | 5 | 22.24 | 22.15 | 22.29 | 937 | 720 | 53.2 |
| Aroclor-1260 | 1 | | | | | | |
| | 2 | | | | | | |
| COLUMN 1 | 3 | | | | | | |
| | 4 | 24.81 | 24.73 | 24.87 | 109 | | |
| | 5 | 25.86 | 25.77 | 25.91 | 196 | 150 | |
| COLUMN 2 | 1 | 20.34 | 20.25 | 20.39 | 195 | | |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 23.64 | 23.54 | 23.68 | 332 | | |
| | 5 | 24.25 | 24.17 | 24.31 | 201 | 240 | 60.0 |

2.7622
4.1532

At least 3 peaks are required for identification of multicomponent analytes
page 1 of 1

FORM X PEST-2

SW8082

200

10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

A1-002

Lab Name: E & E INC.

Contract:

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6042 Dates(s) Analyzed: 05/11/98 05/11/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D | |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|-------|--|
| Aroclor-1254 | 1 | 17.69 | 17.59 | 17.73 | 3590 | 3100 | 6.9 | |
| | 2 | 18.47 | 18.38 | 18.52 | 9250 | | | |
| | 3 | 19.80 | 19.72 | 19.86 | 1090 | | | |
| | 4 | 20.71 | 20.62 | 20.76 | 729 | | | |
| | 5 | 22.49 | 22.40 | 22.54 | 720 | | | |
| | 1 | 17.53 | 17.43 | 17.57 | 4620 | 2900 | | |
| | 2 | 17.92 | 17.83 | 17.97 | 3420 | | | |
| | 3 | 19.68 | 19.59 | 19.73 | 195 | | | |
| | 4 | 20.86 | 20.72 | 20.86 | 5050 | | | |
| | 5 | 22.24 | 22.15 | 22.29 | 1390 | | | |
| Aroclor-1260 | 1 | | | | | 0 | 999.9 | |
| | 2 | | | | | | | |
| | 3 | | | | | | | |
| | 4 | | | | | | | |
| | 5 | | | | | | | |
| | 1 | | | | | 0 | | |
| | 2 | | | | | | | |
| | 3 | | | | | | | |
| | 4 | | | | | | | |
| | 5 | | | | | | | |

At least 3 peaks are required for identification of multicomponent analytes
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10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

A1-003

Lab Name: E & E INC.

Contract:

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6043 Dates(s) Analyzed: 05/11/98 05/11/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|------|
| Aroclor-1254 | 1 | 17.67 | 17.59 | 17.73 | 44.6 | | |
| | 2 | 18.47 | 18.38 | 18.52 | 70.2 | | |
| COLUMN 1 | 3 | 19.81 | 19.72 | 19.86 | 87.1 | | |
| | 4 | 20.71 | 20.62 | 20.76 | 167 | | |
| | 5 | 22.49 | 22.40 | 22.54 | 298 | 130 | |
| | 1 | 17.52 | 17.43 | 17.57 | 39.6 | | |
| | 2 | 17.92 | 17.83 | 17.97 | 122 | | |
| COLUMN 2 | 3 | 19.67 | 19.59 | 19.73 | 88.0 | | |
| | 4 | 20.81 | 20.72 | 20.86 | 253 | | |
| | 5 | 22.23 | 22.15 | 22.29 | 317 | 160 | 23.1 |
| Aroclor-1260 | 1 | | | | | | |
| | 2 | | | | | | |
| COLUMN 1 | 3 | | | | | | |
| | 4 | 24.81 | 24.73 | 24.87 | 49.1 | | |
| | 5 | 25.86 | 25.77 | 25.91 | 89.3 | 69 | |
| | 1 | 20.34 | 20.25 | 20.39 | 67.4 | | |
| COLUMN 2 | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 23.64 | 23.54 | 23.68 | 129 | | |
| | 5 | 24.25 | 24.17 | 24.31 | 58.6 | 85 | 23.2 |

At least 3 peaks are required for identification of multicomponent analytes
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10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

A1-004

Lab Name: E & E INC.

Contract :

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6044 Dates(s) Analyzed: 05/20/98 05/20/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|-------|
| Aroclor-1254 | 1 | 17.68 | 17.59 | 17.73 | 673 | | |
| | 2 | 18.48 | 18.38 | 18.52 | 2450 | | |
| | 3 | 19.80 | 19.72 | 19.86 | 400 | | |
| COLUMN 1 | 4 | 20.69 | 20.62 | 20.76 | 634 | | |
| | 5 | 22.48 | 22.40 | 22.54 | 466 | 920 | |
| | 1 | | | | | | |
| | 2 | 17.93 | 17.83 | 17.97 | 6200 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 247 | | |
| COLUMN 2 | 4 | 20.85 | 20.72 | 20.86 | 4320 | | |
| | 5 | 22.21 | 22.15 | 22.29 | 1170 | 3000 | 226.1 |
| Aroclor-1260 | 1 | | | | | | |
| | 2 | | | | | | |
| | 3 | | | | | | |
| COLUMN 1 | 4 | | | | | | |
| | 5 | | | | | | |
| | 1 | | | | | | |
| | 2 | | | | | | |
| | 3 | | | | | | |
| COLUMN 2 | 4 | | | | | | |
| | 5 | | | | | | |

At least 3 peaks are required for identification of multicomponent analytes
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10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

A1-005

Lab Name: E & E INC.

Contract:

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6045 Dates(s) Analyzed: 05/11/98 05/11/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|------|
| Aroclor-1254 | 1 | 17.68 | 17.59 | 17.73 | 246 | 520 | 92.3 |
| | 2 | 18.48 | 18.38 | 18.52 | 562 | | |
| | 3 | 19.81 | 19.72 | 19.86 | 462 | | |
| | 4 | 20.71 | 20.62 | 20.76 | 566 | | |
| | 5 | 22.49 | 22.40 | 22.54 | 768 | | |
| COLUMN 1 | 1 | 17.52 | 17.43 | 17.57 | 339 | 1000 | 92.3 |
| | 2 | 17.93 | 17.83 | 17.97 | 1090 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 416 | | |
| | 4 | 20.83 | 20.72 | 20.86 | 1060 | | |
| | 5 | 22.22 | 22.15 | 22.29 | 2270 | | |
| Aroclor-1260 | 1 | | | | | 170 | 52.9 |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 24.82 | 24.73 | 24.87 | 118 | | |
| | 5 | 25.86 | 25.77 | 25.91 | 214 | | |
| COLUMN 2 | 1 | 20.34 | 20.25 | 20.39 | 259 | 260 | 52.9 |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 23.64 | 23.54 | 23.68 | 310 | | |
| | 5 | 24.24 | 24.17 | 24.31 | 206 | | |

At least 3 peaks are required for identification of multicomponent analytes
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10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

A1-006

Lab Name: E & E INC.

Contract:

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6046

Dates(s) Analyzed: 05/11/98 05/11/98

Instrument ID (1): 68901A

Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|-------|
| Aroclor-1254 | 1 | 17.66 | 17.59 | 17.73 | 44.4 | | |
| | 2 | 18.47 | 18.38 | 18.52 | 63.0 | | |
| COLUMN 1 | 3 | 19.81 | 19.72 | 19.86 | 79.0 | | |
| | 4 | 20.71 | 20.62 | 20.76 | 127 | | |
| | 5 | 22.49 | 22.40 | 22.54 | 216 | 110 | |
| COLUMN 2 | 1 | 17.51 | 17.43 | 17.57 | 34.8 | | |
| | 2 | 17.91 | 17.83 | 17.97 | 87.8 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 73.5 | | |
| | 4 | 20.81 | 20.72 | 20.86 | 190 | | |
| | 5 | 22.23 | 22.15 | 22.29 | 236 | 120 | 9.1 |
| Aroclor-1260 | 1 | | | | | | |
| | 2 | | | | | | |
| COLUMN 1 | 3 | | | | | 0 | |
| | 4 | | | | | | |
| | 5 | | | | | | |
| COLUMN 2 | 1 | | | | | | |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | | | | | 0 | |
| | 5 | | | | | | 999.9 |

At least 3 peaks are required for identification of multicomponent analytes
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FORM X PEST-2

SW8082

10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

Lab Name: E & E INC.

Contract:

A1-007

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6047 Dates(s) Analyzed: 05/11/98 05/11/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|------|
| Aroclor-1254 | 1 | 17.67 | 17.59 | 17.73 | 74.6 | | |
| | 2 | 18.47 | 18.38 | 18.52 | 142 | | |
| COLUMN 1 | 3 | 19.81 | 19.72 | 19.86 | 131 | | |
| | 4 | 20.71 | 20.62 | 20.76 | 286 | | |
| | 5 | 22.49 | 22.40 | 22.54 | 480 | 220 | |
| COLUMN 2 | 1 | 17.52 | 17.43 | 17.57 | 67.0 | | |
| | 2 | 17.91 | 17.83 | 17.97 | 186 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 128 | | |
| | 4 | 20.81 | 20.72 | 20.86 | 354 | | |
| | 5 | 22.24 | 22.15 | 22.29 | 433 | 230 | 4.5 |
| Aroclor-1260 | 1 | | | | | | |
| | 2 | | | | | | |
| COLUMN 1 | 3 | | | | | | |
| | 4 | 24.81 | 24.73 | 24.87 | 67.1 | | |
| | 5 | 25.85 | 25.77 | 25.91 | 94.5 | 81 | |
| COLUMN 2 | 1 | 20.34 | 20.25 | 20.39 | 97.3 | | |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 23.64 | 23.54 | 23.68 | 178 | | |
| | 5 | 24.26 | 24.17 | 24.31 | 71.4 | 120 | 48.2 |

At least 3 peaks are required for identification of multicomponent analytes
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FORM X PEST-2

SW8082

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10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

A1-007A

Lab Name: E & E INC.

Contract:

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6048 Dates(s) Analyzed: 05/11/98 05/11/98

Instrument ID (1): 68901A

Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|------|
| Aroclor-1254 | 1 | 17.66 | 17.59 | 17.73 | 44.4 | | |
| | 2 | 18.47 | 18.38 | 18.52 | 70.0 | | |
| COLUMN 1 | 3 | 19.80 | 19.72 | 19.86 | 94.0 | | |
| | 4 | 20.71 | 20.62 | 20.76 | 153 | | |
| | 5 | 22.48 | 22.40 | 22.54 | 231 | 120 | |
| COLUMN 2 | 1 | 17.52 | 17.43 | 17.57 | 38.6 | | |
| | 2 | 17.92 | 17.83 | 17.97 | 122 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 87.7 | | |
| | 4 | 20.81 | 20.72 | 20.86 | 223 | | |
| | 5 | 22.23 | 22.15 | 22.29 | 283 | 150 | 25.0 |
| Aroclor-1260 | 1 | | | | | | |
| | 2 | | | | | | |
| COLUMN 1 | 3 | | | | | | |
| | 4 | 24.81 | 24.73 | 24.87 | 50.5 | | |
| | 5 | 25.85 | 25.77 | 25.91 | 71.9 | 61 | |
| COLUMN 2 | 1 | 20.34 | 20.25 | 20.39 | 57.2 | | |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 23.64 | 23.54 | 23.68 | 99.5 | | |
| | 5 | 24.26 | 24.17 | 24.31 | 40.1 | 66 | 8.2 |

At least 3 peaks are required for identification of multicomponent analytes
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10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

Lab Name: E & E INC.

Contract:

A1-007B

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6049 Dates(s) Analyzed: 05/12/98 05/12/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|------|
| Aroclor-1254 | 1 | 17.68 | 17.59 | 17.73 | 324 | 800 | 13.8 |
| | 2 | 18.48 | 18.38 | 18.52 | 500 | | |
| | 3 | 19.82 | 19.72 | 19.86 | 736 | | |
| | 4 | 20.71 | 20.62 | 20.76 | 915 | | |
| | 5 | 22.50 | 22.40 | 22.54 | 1500 | | |
| COLUMN 1 | 1 | 17.51 | 17.43 | 17.57 | 342 | 380 | 79.0 |
| | 2 | 17.91 | 17.83 | 17.97 | 581 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 730 | | |
| | 4 | 20.81 | 20.72 | 20.86 | 1240 | | |
| | 5 | 22.23 | 22.15 | 22.29 | 1670 | | |
| Aroclor-1260 | 1 | | | | | 380 | 79.0 |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 24.82 | 24.73 | 24.87 | 351 | | |
| | 5 | 25.86 | 25.77 | 25.91 | 414 | | |
| COLUMN 2 | 1 | 20.33 | 20.25 | 20.39 | 516 | 680 | 79.0 |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 23.63 | 23.54 | 23.68 | 742 | | |
| | 5 | 24.23 | 24.17 | 24.31 | 785 | | |

At least 3 peaks are required for identification of multicomponent analytes
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10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

A1-007C

Lab Name: E & E INC.

Contract:

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6050 Dates(s) Analyzed: 05/11/98 05/11/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|------|
| Aroclor-1254 | 1 | 17.67 | 17.59 | 17.73 | 255 | 580 | 20.7 |
| | 2 | 18.47 | 18.38 | 18.52 | 384 | | |
| | 3 | 19.80 | 19.72 | 19.86 | 548 | | |
| | 4 | 20.70 | 20.62 | 20.76 | 672 | | |
| | 5 | 22.48 | 22.40 | 22.54 | 1060 | | |
| COLUMN 1 | 1 | 17.51 | 17.43 | 17.57 | 262 | 700 | 73.3 |
| | 2 | 17.91 | 17.83 | 17.97 | 447 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 555 | | |
| | 4 | 20.80 | 20.72 | 20.86 | 957 | | |
| | 5 | 22.23 | 22.15 | 22.29 | 1300 | | |
| Aroclor-1260 | 1 | | | | | 300 | |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 24.81 | 24.73 | 24.87 | 274 | | |
| | 5 | 25.85 | 25.77 | 25.91 | 333 | | |
| COLUMN 2 | 1 | 20.33 | 20.25 | 20.39 | 398 | 520 | |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 23.63 | 23.54 | 23.68 | 560 | | |
| | 5 | 24.23 | 24.17 | 24.31 | 599 | | |

At least 3 peaks are required for identification of multicomponent analytes
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FORM X PEST-2

SW8082

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10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

Lab Name: E & E INC.

Contract:

A1-008

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6051 Dates(s) Analyzed: 05/12/98 05/12/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|-------|
| Aroclor-1254 | 1 | 17.67 | 17.59 | 17.73 | 190 | 490 | 100.0 |
| | 2 | 18.48 | 18.38 | 18.52 | 564 | | |
| | 3 | 19.81 | 19.72 | 19.86 | 367 | | |
| | 4 | 20.71 | 20.62 | 20.76 | 547 | | |
| | 5 | 22.49 | 22.40 | 22.54 | 771 | | |
| COLUMN 1 | 1 | 17.52 | 17.43 | 17.57 | 186 | 980 | 100.0 |
| | 2 | 17.93 | 17.83 | 17.97 | 1620 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 326 | | |
| | 4 | 20.85 | 20.72 | 20.86 | 1350 | | |
| | 5 | 22.22 | 22.15 | 22.29 | 1420 | | |
| Aroclor-1260 | 1 | | | | | 150 | 40.0 |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 24.81 | 24.73 | 24.87 | 79.8 | | |
| | 5 | 25.86 | 25.77 | 25.91 | 222 | | |
| COLUMN 2 | 1 | 20.33 | 20.25 | 20.39 | 229 | 210 | 40.0 |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 23.64 | 23.54 | 23.68 | 307 | | |
| | 5 | 24.26 | 24.17 | 24.31 | 95.2 | | |

At least 3 peaks are required for identification of multicomponent analytes
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10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

Lab Name: E & E INC.

Contract:

A1-009

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6052 Dates(s) Analyzed: 05/12/98 05/12/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|------|
| Aroclor-1254 | 1 | 17.66 | 17.59 | 17.73 | 19.6 | 46 | 93.5 |
| | 2 | 18.47 | 18.38 | 18.52 | 35.5 | | |
| | 3 | 19.80 | 19.72 | 19.86 | 17.0 | | |
| | 4 | 20.70 | 20.62 | 20.76 | 63.2 | | |
| | 5 | 22.48 | 22.40 | 22.54 | 96.2 | | |
| COLUMN 1 | 1 | 17.52 | 17.43 | 17.57 | 22.6 | 89 | 93.5 |
| | 2 | 17.92 | 17.83 | 17.97 | 121 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 20.1 | | |
| | 4 | 20.81 | 20.72 | 20.86 | 163 | | |
| | 5 | 22.23 | 22.15 | 22.29 | 116 | | |
| Aroclor-1260 | 1 | | | | | 31 | 6.5 |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 24.81 | 24.73 | 24.87 | 22.7 | | |
| | 5 | 25.85 | 25.77 | 25.91 | 39.9 | | |
| COLUMN 2 | 1 | 20.33 | 20.25 | 20.39 | 21.1 | 33 | 6.5 |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 23.63 | 23.54 | 23.68 | 38.3 | | |
| | 5 | 24.23 | 24.17 | 24.31 | 38.9 | | |

At least 3 peaks are required for identification of multicomponent analytes
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10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

Lab Name: E & E INC.

Contract:

A1-010

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6053 Dates(s) Analyzed: 05/12/98 05/12/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|------|
| Aroclor-1254 | 1 | 17.66 | 17.59 | 17.73 | 15.0 | 28 | 42.9 |
| | 2 | 18.47 | 18.38 | 18.52 | 16.9 | | |
| | 3 | 19.80 | 19.72 | 19.86 | 21.6 | | |
| | 4 | 20.70 | 20.62 | 20.76 | 38.6 | | |
| | 5 | 22.48 | 22.40 | 22.54 | 45.4 | | |
| COLUMN 1 | 1 | 17.51 | 17.43 | 17.57 | 11.0 | 40 | 42.9 |
| | 2 | 17.92 | 17.83 | 17.97 | 39.6 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 24.0 | | |
| | 4 | 20.81 | 20.72 | 20.86 | 60.9 | | |
| | 5 | 22.22 | 22.15 | 22.29 | 65.8 | | |
| COLUMN 2 | 1 | 17.51 | 17.43 | 17.57 | 11.0 | 40 | 42.9 |
| | 2 | 17.92 | 17.83 | 17.97 | 39.6 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 24.0 | | |
| | 4 | 20.81 | 20.72 | 20.86 | 60.9 | | |
| | 5 | 22.22 | 22.15 | 22.29 | 65.8 | | |

At least 3 peaks are required for identification of multicomponent analytes
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10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

Lab Name: E & E INC.

Contract:

A1-011

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6054 Dates(s) Analyzed: 05/12/98 05/12/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|------|
| Aroclor-1254 | 1 | 17.66 | 17.59 | 17.73 | 64.2 | 100 | 10.0 |
| | 2 | 18.47 | 18.38 | 18.52 | 76.5 | | |
| | 3 | 19.80 | 19.72 | 19.86 | 93.1 | | |
| | 4 | 20.70 | 20.62 | 20.76 | 121 | | |
| | 5 | 22.48 | 22.40 | 22.54 | 155 | | |
| COLUMN 1 | 1 | 17.51 | 17.43 | 17.57 | 62.4 | 110 | 23.5 |
| | 2 | 17.91 | 17.83 | 17.97 | 100 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 86.0 | | |
| | 4 | 20.81 | 20.72 | 20.86 | 142 | | |
| | 5 | 22.23 | 22.15 | 22.29 | 176 | | |
| Aroclor-1260 | 1 | | | | | 51 | 23.5 |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 24.81 | 24.73 | 24.87 | 29.5 | | |
| | 5 | 25.85 | 25.77 | 25.91 | 72.4 | | |
| COLUMN 2 | 1 | 20.33 | 20.25 | 20.39 | 51.2 | 63 | 23.5 |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 23.63 | 23.54 | 23.68 | 89.1 | | |
| | 5 | 24.24 | 24.17 | 24.31 | 48.5 | | |

At least 3 peaks are required for identification of multicomponent analytes
page 1 of 1

10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

Lab Name: E & E INC.

Contract:

A1-012

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6055 Dates(s) Analyzed: 05/12/98 05/12/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|------|
| Aroclor-1254 | 1 | 17.66 | 17.59 | 17.73 | 44.8 | 100 | 20.0 |
| | 2 | 18.47 | 18.38 | 18.52 | 66.4 | | |
| | 3 | 19.80 | 19.72 | 19.86 | 74.8 | | |
| | 4 | 20.70 | 20.62 | 20.76 | 123 | | |
| | 5 | 22.48 | 22.40 | 22.54 | 202 | | |
| COLUMN 1 | 1 | 17.51 | 17.43 | 17.57 | 38.6 | 120 | 28.9 |
| | 2 | 17.91 | 17.83 | 17.97 | 89.2 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 70.4 | | |
| | 4 | 20.81 | 20.72 | 20.86 | 166 | | |
| | 5 | 22.23 | 22.15 | 22.29 | 214 | | |
| Aroclor-1260 | 1 | | | | | 45 | 28.9 |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 24.81 | 24.73 | 24.87 | 29.4 | | |
| | 5 | 25.85 | 25.77 | 25.91 | 61.3 | | |
| COLUMN 2 | 1 | 20.33 | 20.25 | 20.39 | 50.0 | 58 | 28.9 |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 23.64 | 23.54 | 23.68 | 76.1 | | |
| | 5 | 24.23 | 24.17 | 24.31 | 48.8 | | |

At least 3 peaks are required for identification of multicomponent analytes
page 1 of 1

10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

Lab Name: E & E INC.

Contract:

A1-013

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6056 Dates(s) Analyzed: 05/12/98 05/12/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|-------|
| Aroclor-1254 | 1 | 17.67 | 17.59 | 17.73 | 872 | | |
| | 2 | 18.47 | 18.38 | 18.52 | 989 | | |
| COLUMN 1 | 3 | 19.80 | 19.72 | 19.86 | 1060 | | |
| | 4 | 20.71 | 20.62 | 20.76 | 1360 | | |
| | 5 | 22.48 | 22.40 | 22.54 | 1580 | 1200 | |
| COLUMN 2 | 1 | 17.51 | 17.43 | 17.57 | 705 | | |
| | 2 | 17.91 | 17.83 | 17.97 | 981 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 1010 | | |
| | 4 | 20.80 | 20.72 | 20.86 | 1390 | | |
| | 5 | 22.23 | 22.15 | 22.29 | 1600 | 1100 | 9.1 |
| Aroclor-1260 | 1 | | | | | | |
| | 2 | | | | | | |
| COLUMN 1 | 3 | | | | | | |
| | 4 | 24.81 | 24.73 | 24.87 | 184 | | |
| | 5 | 25.85 | 25.77 | 25.91 | 262 | 220 | |
| COLUMN 2 | 1 | 20.33 | 20.25 | 20.39 | 618 | | |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 23.63 | 23.54 | 23.68 | 647 | | |
| | 5 | 24.23 | 24.17 | 24.31 | 364 | 540 | 145.5 |

At least 3 peaks are required for identification of multicomponent analytes
page 1 of 1

10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

Lab Name: E & E INC.

Contract:

A1-014

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6057 Dates(s) Analyzed: 05/12/98 05/12/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|------|
| Aroclor-1254 | 1 | 17.66 | 17.59 | 17.73 | 294 | 670 | 3.1 |
| | 2 | 18.46 | 18.38 | 18.52 | 433 | | |
| | 3 | 19.80 | 19.72 | 19.86 | 588 | | |
| | 4 | 20.70 | 20.62 | 20.76 | 851 | | |
| | 5 | 22.48 | 22.40 | 22.54 | 1180 | | |
| COLUMN 1 | 1 | 17.51 | 17.43 | 17.57 | 274 | 650 | 68.4 |
| | 2 | 17.91 | 17.83 | 17.97 | 487 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 544 | | |
| | 4 | 20.81 | 20.72 | 20.86 | 870 | | |
| | 5 | 22.23 | 22.15 | 22.29 | 1070 | | |
| Aroclor-1260 | 1 | | | | | 190 | |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 24.81 | 24.73 | 24.87 | 130 | | |
| | 5 | 25.85 | 25.77 | 25.91 | 252 | | |
| COLUMN 2 | 1 | 20.33 | 20.25 | 20.39 | 316 | 320 | |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 23.64 | 23.54 | 23.68 | 464 | | |
| | 5 | 24.25 | 24.17 | 24.31 | 186 | | |

At least 3 peaks are required for identification of multicomponent analytes
page 1 of 1

FORM X PEST-2

SW8082

10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

Lab Name: E & E INC.

Contract:

A1-015

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6058 Dates(s) Analyzed: 05/12/98 05/12/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|------|
| Aroclor-1254 | 1 | 17.66 | 17.59 | 17.73 | 76.0 | 170 | 17.6 |
| | 2 | 18.47 | 18.38 | 18.52 | 102 | | |
| | 3 | 19.80 | 19.72 | 19.86 | 120 | | |
| | 4 | 20.70 | 20.62 | 20.76 | 202 | | |
| | 5 | 22.48 | 22.40 | 22.54 | 333 | | |
| COLUMN 1 | 1 | 17.51 | 17.43 | 17.57 | 66.6 | 200 | 83.3 |
| | 2 | 17.91 | 17.83 | 17.97 | 153 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 118 | | |
| | 4 | 20.81 | 20.72 | 20.86 | 284 | | |
| | 5 | 22.23 | 22.15 | 22.29 | 388 | | |
| Aroclor-1260 | 1 | | | | | 60 | 83.3 |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 24.81 | 24.73 | 24.87 | 50.9 | | |
| | 5 | 25.85 | 25.77 | 25.91 | 69.7 | | |
| COLUMN 2 | 1 | 20.33 | 20.25 | 20.39 | 80.8 | 110 | 83.3 |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 23.64 | 23.54 | 23.68 | 144 | | |
| | 5 | 24.23 | 24.17 | 24.31 | 109 | | |

At least 3 peaks are required for identification of multicomponent analytes
page 1 of 1

10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

Lab Name: E & E INC.

Contract:

A1-016

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6059 Dates(s) Analyzed: 05/12/98 05/12/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|--------------------|------|
| Aroclor-1254 | 1 | 17.66 | 17.59 | 17.73 | 54.2 | 82 | 46.3 |
| | 2 | 18.47 | 18.38 | 18.52 | 50.4 | | |
| | 3 | 19.81 | 19.72 | 19.86 | 68.5 | | |
| | 4 | 20.70 | 20.62 | 20.76 | 88.5 | | |
| | 5 | 22.49 | 22.40 | 22.54 | 146 | | |
| COLUMN 1 | 1 | 17.52 | 17.43 | 17.57 | 53.2 | 120 | 34.2 |
| | 2 | 17.92 | 17.83 | 17.97 | 105 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 64.6 | | |
| | 4 | 20.81 | 20.72 | 20.86 | 152 | | |
| | 5 | 22.23 | 22.15 | 22.29 | 206 | | |
| Aroclor-1260 | 1 | | | | | 38 | 34.2 |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 24.81 | 24.73 | 24.87 | 26.3 | | |
| | 5 | 25.85 | 25.77 | 25.91 | 49.6 | | |
| COLUMN 2 | 1 | 20.34 | 20.25 | 20.39 | 47.5 | 51 | 34.2 |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 23.64 | 23.54 | 23.68 | 70.0 | | |
| | 5 | 24.25 | 24.17 | 24.31 | 35.3 | | |

At least 3 peaks are required for identification of multicomponent analytes
page 1 of 1

10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

Lab Name: E & E INC.

Contract:

A1-017

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6060 Dates(s) Analyzed: 05/12/98 05/12/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|------|
| Aroclor-1254 | 1 | 17.66 | 17.59 | 17.73 | 123 | | |
| | 2 | 18.47 | 18.38 | 18.52 | 132 | | |
| COLUMN 1 | 3 | 19.80 | 19.72 | 19.86 | 268 | | |
| | 4 | 20.71 | 20.62 | 20.76 | 231 | | |
| | 5 | 22.49 | 22.40 | 22.54 | 383 | 230 | |
| COLUMN 2 | 1 | 17.52 | 17.43 | 17.57 | 96.8 | | |
| | 2 | 17.92 | 17.83 | 17.97 | 178 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 166 | | |
| | 4 | 20.81 | 20.72 | 20.86 | 304 | | |
| | 5 | 22.23 | 22.15 | 22.29 | 442 | 240 | 4.3 |
| Aroclor-1260 | 1 | | | | | | |
| | 2 | | | | | | |
| COLUMN 1 | 3 | | | | | | |
| | 4 | 24.81 | 24.73 | 24.87 | 53.2 | | |
| | 5 | 25.85 | 25.77 | 25.91 | 83.8 | 68 | |
| COLUMN 2 | 1 | 20.34 | 20.25 | 20.39 | 107 | | |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 23.64 | 23.54 | 23.68 | 160 | | |
| | 5 | 24.25 | 24.17 | 24.31 | 73.7 | 110 | 61.8 |

At least 3 peaks are required for identification of multicomponent analytes
page 1 of 1

10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

A1-007BMS

Lab Name: E & E INC.

Contract:

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6049MS Dates(s) Analyzed: 05/11/98 - 05/11/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|------|
| Aroclor-1254 | 1 | 17.67 | 17.59 | 17.73 | 441 | 820 | 11.0 |
| | 2 | 18.47 | 18.38 | 18.52 | 582 | | |
| | 3 | 19.80 | 19.72 | 19.86 | 781 | | |
| | 4 | 20.70 | 20.62 | 20.76 | 917 | | |
| | 5 | 22.48 | 22.40 | 22.54 | 1390 | | |
| COLUMN 1 | 1 | 17.51 | 17.43 | 17.57 | 441 | 910 | 74.3 |
| | 2 | 17.91 | 17.83 | 17.97 | 624 | | |
| | 3 | 19.67 | 19.59 | 19.73 | 743 | | |
| | 4 | 20.81 | 20.72 | 20.86 | 1150 | | |
| | 5 | 22.23 | 22.15 | 22.29 | 1590 | | |
| Aroclor-1260 | 1 | | | | | 350 | 74.3 |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 24.81 | 24.73 | 24.87 | 310 | | |
| | 5 | 25.85 | 25.77 | 25.91 | 387 | | |
| COLUMN 2 | 1 | 20.34 | 20.25 | 20.39 | 511 | 610 | 74.3 |
| | 2 | | | | | | |
| | 3 | | | | | | |
| | 4 | 23.64 | 23.54 | 23.68 | 660 | | |
| | 5 | 24.23 | 24.17 | 24.31 | 662 | | |

At least 3 peaks are required for identification of multicomponent analytes
page 1 of 1

10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

Lab Name: E & E INC.

Contract:

A1-007BMSD

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Lab Sample ID : 6049MSD Dates(s) Analyzed: 05/11/98 05/11/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

| ANALYTE | PEAK | RT | RT WINDOW FROM | TO | CONCENTRATION | MEAN CONCENTRATION | %D | |
|--------------|------|-------|-------------------|-------|---------------|-----------------------|------|--|
| Aroclor-1254 | 1 | 17.67 | 17.59 | 17.73 | 568 | 1100 | 9.1 | |
| | 2 | 18.47 | 18.38 | 18.52 | 716 | | | |
| | 3 | 19.81 | 19.72 | 19.86 | 1010 | | | |
| | 4 | 20.70 | 20.62 | 20.76 | 1140 | | | |
| | 5 | 22.49 | 22.40 | 22.54 | 1890 | | | |
| | 1 | 17.51 | 17.43 | 17.57 | 558 | 1200 | | |
| | 2 | 17.91 | 17.83 | 17.97 | 783 | | | |
| | 3 | 19.67 | 19.59 | 19.73 | 949 | | | |
| | 4 | 20.81 | 20.72 | 20.86 | 1470 | | | |
| | 5 | 22.23 | 22.15 | 22.29 | 2460 | | | |
| Aroclor-1260 | 1 | | | | | 460 | 73.9 | |
| | 2 | | | | | | | |
| | 3 | | | | | | | |
| | 4 | 24.81 | 24.73 | 24.87 | 411 | | | |
| | 5 | 25.85 | 25.77 | 25.91 | 514 | | | |
| | 1 | 20.34 | 20.25 | 20.39 | 649 | 800 | | |
| | 2 | | | | | | | |
| | 3 | | | | | | | |
| | 4 | 23.64 | 23.54 | 23.68 | 871 | | | |
| | 5 | 24.23 | 24.17 | 24.31 | 876 | | | |

At least 3 peaks are required for identification of multicomponent analytes
page 1 of 1

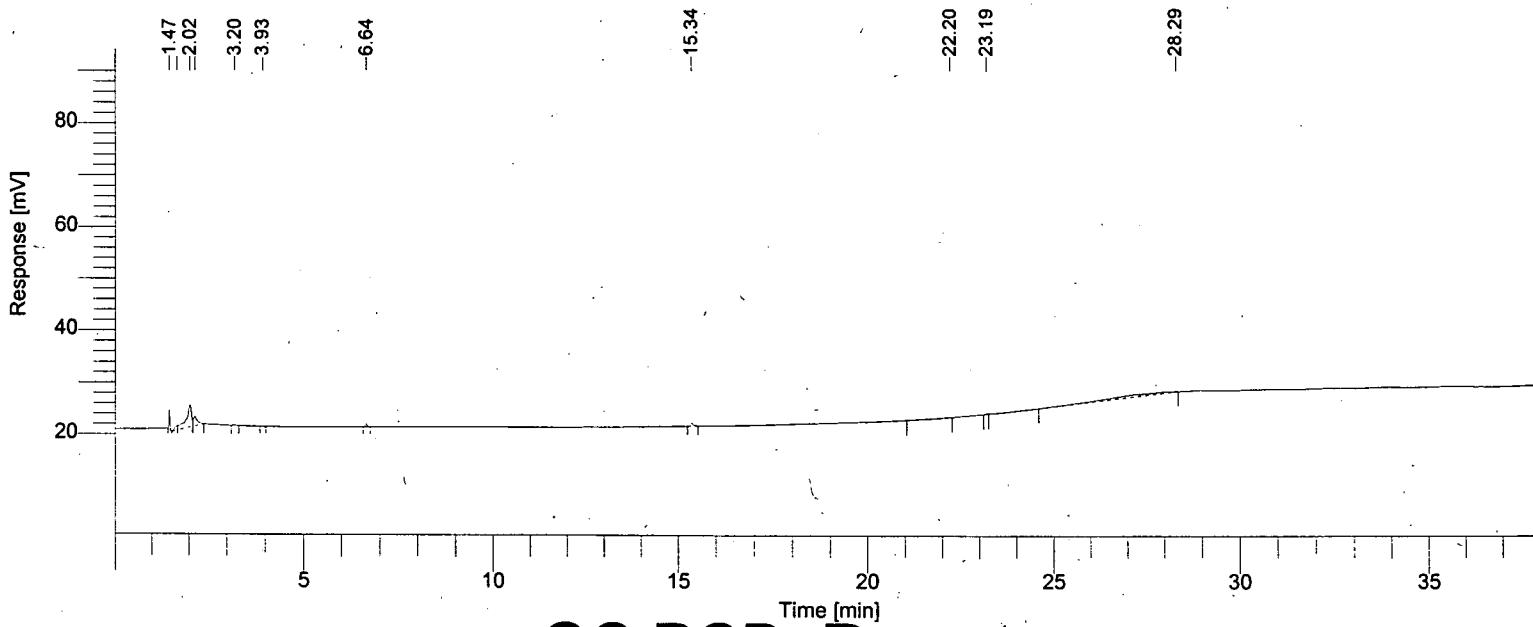
FORM X PEST-2

SW8082

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKI
 Sample Number : 001
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/29/98 17:34:18 PM

Date : 05/22/98 08:45:05 AM
 Sample Name : HEXANE
 Study : 8082 CCV
 Rack/Vial : 1/1
 Channel : A
 A/D mV Range : 1000
 End Time : 37.97 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_001.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_001.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_001.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

No peaks available to report

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 10.90 | Aroclor 1016-1 | 0 | 0.0000 |
| 0 | 13.11 | Aroclor 1016-2 | 0 | 0.0000 |
| 0 | 14.08 | Aroclor 1016-3 | 0 | 0.0000 |
| 0 | 14.45 | Aroclor 1016-4 | 0 | 0.0000 |
| 0 | 14.73 | Aroclor 1016-5 | 0 | 0.0000 |

05/22/98 08:45:05 AM Result:

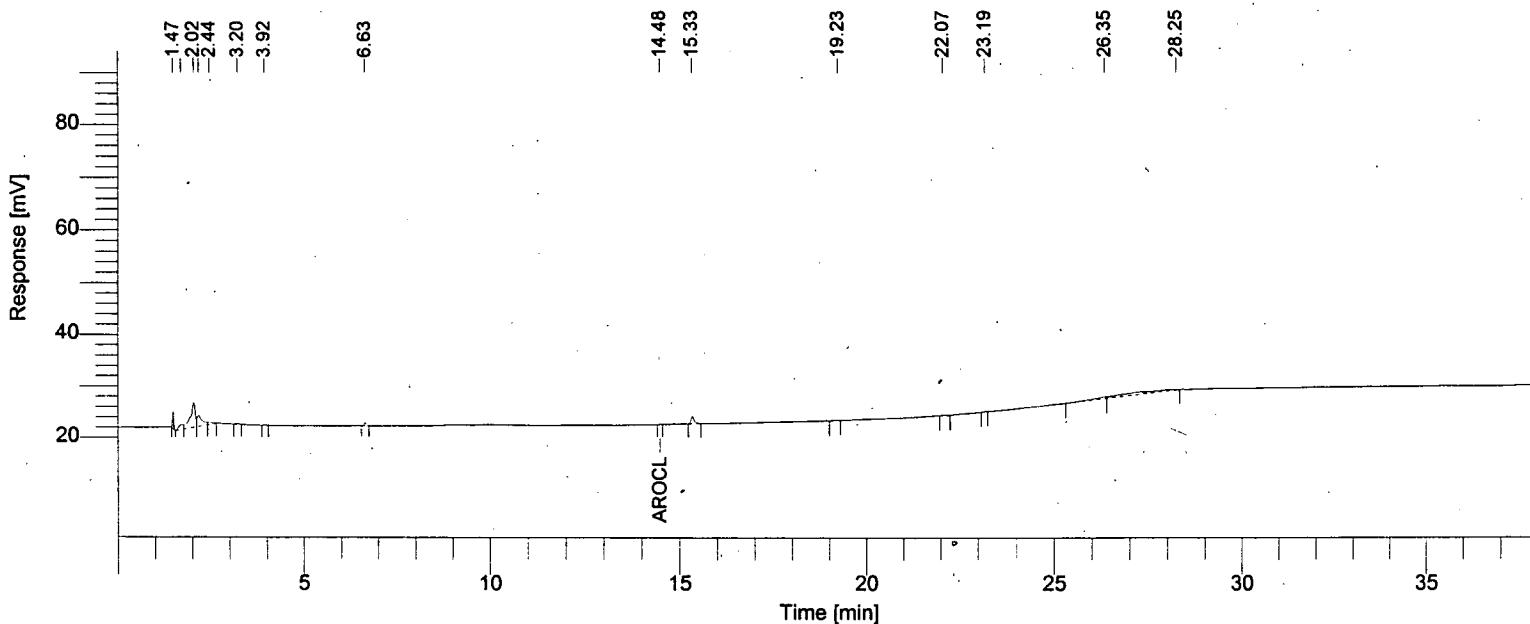
\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_001.rst

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 |
| 0 | 21.48 | Aroclor 1260-2 | 0 | 0.0000 |
| 0 | 22.48 | Aroclor 1260-3 | 0 | 0.0000 |
| 0 | 24.81 | Aroclor 1260-4 | 0 | 0.0000 |
| 0 | 25.85 | Aroclor 1260-5 | 0 | 0.0000 |

| | | | | | |
|-----------------------|---|----------------------|-----------------|---|----------------------|
| Software Version | : | 6.0.2:G11 | Date | : | 05/22/98 08:45:10 AM |
| Operator | : | LEWANDOWSKIB | Sample Name | : | HEXANE |
| Sample Number | : | 002 | Study | : | 8082 CCV |
| AutoSampler | : | BUILT-IN | Rack/Vial | : | 1/2 |
| Instrument Name | : | HP68901 | Channel | : | A |
| Instrument Serial # | : | NONE | A/D mV Range | : | 1000 |
| Delay Time | : | 0.00 min | End Time | : | 38.00 min |
| Sampling Rate | : | 5.0000 pts/s | | | |
| Volume Injected | : | 1.000000 ul | Area Reject | : | 100.000000 |
| Sample Amount | : | 1.0000 | Dilution Factor | : | 1.00 |
| Data Acquisition Time | : | 04/29/98 18:16:49 PM | Cycle | : | 2 |

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320\1a_0429_002.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320\1a_0429_002.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320\1a_0429_002.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 14.48 | AR1016 | | 213 | 0.0001 |

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 10.90 | Aroclor 1016-1 | 0 | 0.0000 |
| 0 | 13.11 | Aroclor 1016-2 | 0 | 0.0000 |
| 0 | 14.08 | Aroclor 1016-3 | 0 | 0.0000 |
| 9 | 14.48 | Aroclor 1016-4 | 213 | 0.0004 |
| 0 | 14.73 | Aroclor 1016-5 | 0 | 0.0000 |

224

05/22/98 08:45:10 AM Result:
\\gcsrv1\TCData\hp68901\april\980429320\1a_0429_002.rst

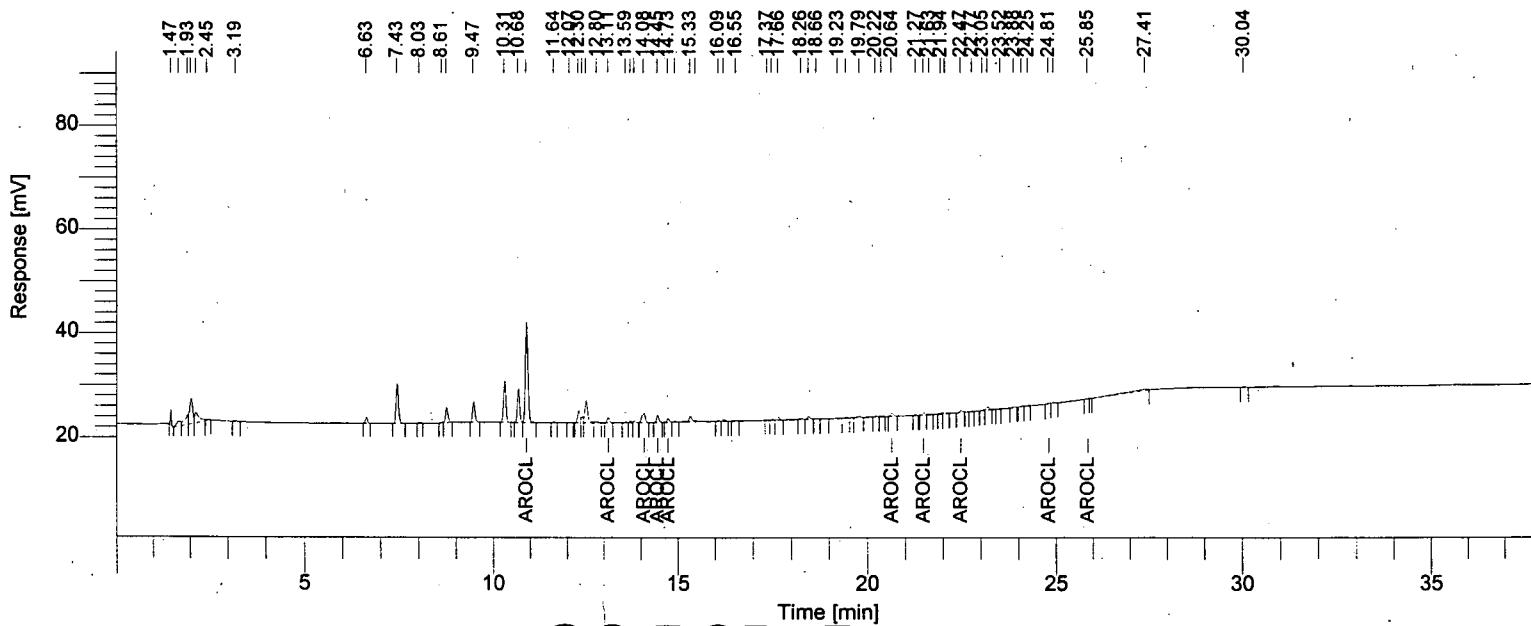
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 |
| 0 | 21.48 | Aroclor 1260-2 | 0 | 0.0000 |
| 0 | 22.48 | Aroclor 1260-3 | 0 | 0.0000 |
| 0 | 24.81 | Aroclor 1260-4 | 0 | 0.0000 |
| 0 | 25.85 | Aroclor 1260-5 | 0 | 0.0000 |

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 003
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/29/98 18:59:16 PM

Date : 05/22/98 08:45:16 AM
 Sample Name : AR1221M
 Study : 8082 ICAL
 Rack/Vial : 1/3
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 3

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_003.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_003.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_003.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 10.90 | AR1016 | | 117952 | 0.0391 |
| 20.64 | AR1260 | | 7669 | 0.0019 |

05/22/98 08:45:16 AM Result:
\\gcsrv1\TCData\hp68901\april\980429320\r1a_0429_003.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 16 | 10.90 | Aroclor 1016-1 | 93871 | 0.2692 |
| 23 | 13.11 | Aroclor 1016-2 | 4464 | 0.0107 |
| 27 | 14.08 | Aroclor 1016-3 | 11254 | 0.0084 |
| 28 | 14.45 | Aroclor 1016-4 | 5569 | 0.0099 |
| 29 | 14.73 | Aroclor 1016-5 | 2794 | 0.0080 |

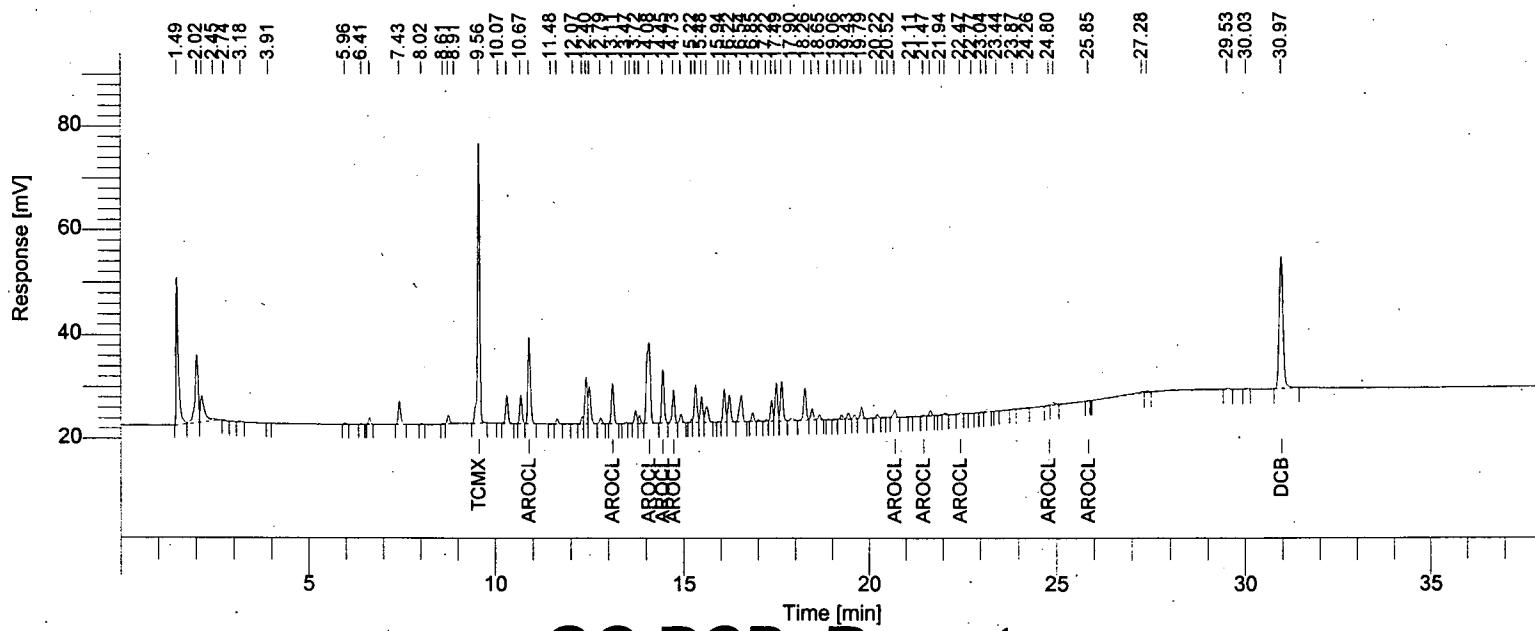
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 47 | 20.64 | Aroclor 1260-1 | 2842 | 0.0036 |
| 49 | 21.47 | Aroclor 1260-2 | 2111 | 0.0025 |
| 53 | 22.47 | Aroclor 1260-3 | 1599 | 0.0017 |
| 61 | 24.81 | Aroclor 1260-4 | 863 | 0.0008 |
| 63 | 25.85 | Aroclor 1260-5 | 254 | 0.0005 |

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKI B
 Sample Number : 004
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/29/98 19:41:45 PM

Date : 05/22/98 08:45:22 AM
 Sample Name : AR1232M
 Study : 8082 ICAL
 Rack/Vial : 1/4
 Channel : A
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 4

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_004.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_004.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_004.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 16 | 9.56 | TCMX | 223728 | 0.0186 |
| | 10.89 | AR1016 | 297647 | 0.0987 |
| | 20.70 | AR1260 | 10572 | 0.0026 |
| 84 | 30.97 | DCB | 183054 | 0.0170 |

05/22/98 08:45:22 AM Result:

\gcsrv1\TCData\hp68901\april\980429320\r1a_0429_004.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 20 | 10.89 | Aroclor 1016-1 | 78462 | 0.2250 |
| 28 | 13.11 | Aroclor 1016-2 | 34605 | 0.0828 |
| 33 | 14.08 | Aroclor 1016-3 | 109733 | 0.0820 |
| 34 | 14.45 | Aroclor 1016-4 | 46527 | 0.0831 |
| 35 | 14.73 | Aroclor 1016-5 | 28319 | 0.0809 |

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 64 | 20.70 | Aroclor 1260-1 | 7303 | 0.0092 |
| 66 | 21.47 | Aroclor 1260-2 | 1118 | 0.0013 |
| 70 | 22.47 | Aroclor 1260-3 | 1252 | 0.0013 |
| 77 | 24.80 | Aroclor 1260-4 | 642 | 0.0006 |
| 79 | 25.85 | Aroclor 1260-5 | 258 | 0.0005 |

| | | | |
|-----------------------|------------------------|-----------------|------------------------|
| Software Version | : 6.0.2:G11 | Date | : 05/22/98 08:45:28 AM |
| Operator | : LEWANDOWSKIB | Sample Name | : AR1248M |
| Sample Number | : 005 | Study | : 8082 ICAL |
| AutoSampler | : BUILT-IN | Rack/Vial | : 1/5 |
| Instrument Name | : HP68901 | Channel | : A |
| Instrument Serial # | : NONE | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 37.99 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 ul | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 04/29/98 20:24:20 PM | Cycle | : 5 |

Raw Data File : \\gcsrv1\TCDATA\hp68901\april\980429320R\1a_0429_005.raw

Result File : \\gcsrv1\TCDATA\hp68901\april\980429320R\1a_0429_005.rst

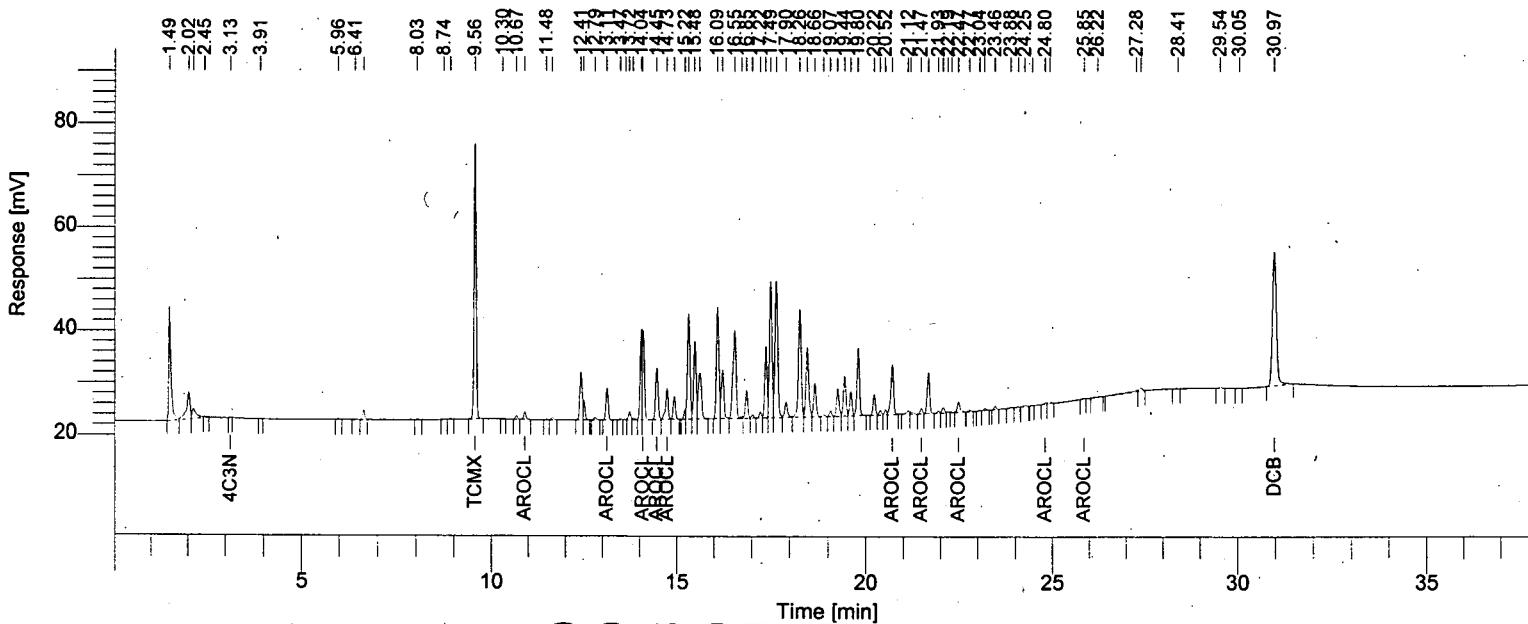
Inst Method : \\gcsrv1\TCDATA\hp68901\methods\6811a_clp_acq from

\\gcsrv1\TCDATA\hp68901\april\980429320R\1a_0429_005.rst

Proc Method : \\gcsrv1\TCDATA\hp68901\methods\681a_ar1660_0429.mth

Calib Method : \\gcsrv1\TCDATA\hp68901\methods\681a_ar1660_0429.mth

Sequence File : \\gcsrv1\TCDATA\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 5 | 3.13 | 4C3N | 342 | 0.0001 |
| 13 | 9.56 | TCMX | 209179 | 0.0174 |
| | 14.08 | AR1016 | 172193 | 0.0571 |
| | 20.70 | AR1260 | 65358 | 0.0158 |
| 86 | 30.97 | DCB | 189896 | 0.0176 |

05/22/98 08:45:28 AM Result:
\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_005.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 16 | 10.89 | Aroclor 1016-1 | 6600 | 0.0189 |
| 22 | 13.11 | Aroclor 1016-2 | 27053 | 0.0648 |
| 28 | 14.08 | Aroclor 1016-3 | 61407 | 0.0459 |
| 29 | 14.45 | Aroclor 1016-4 | 47991 | 0.0857 |
| 30 | 14.73 | Aroclor 1016-5 | 29143 | 0.0832 |

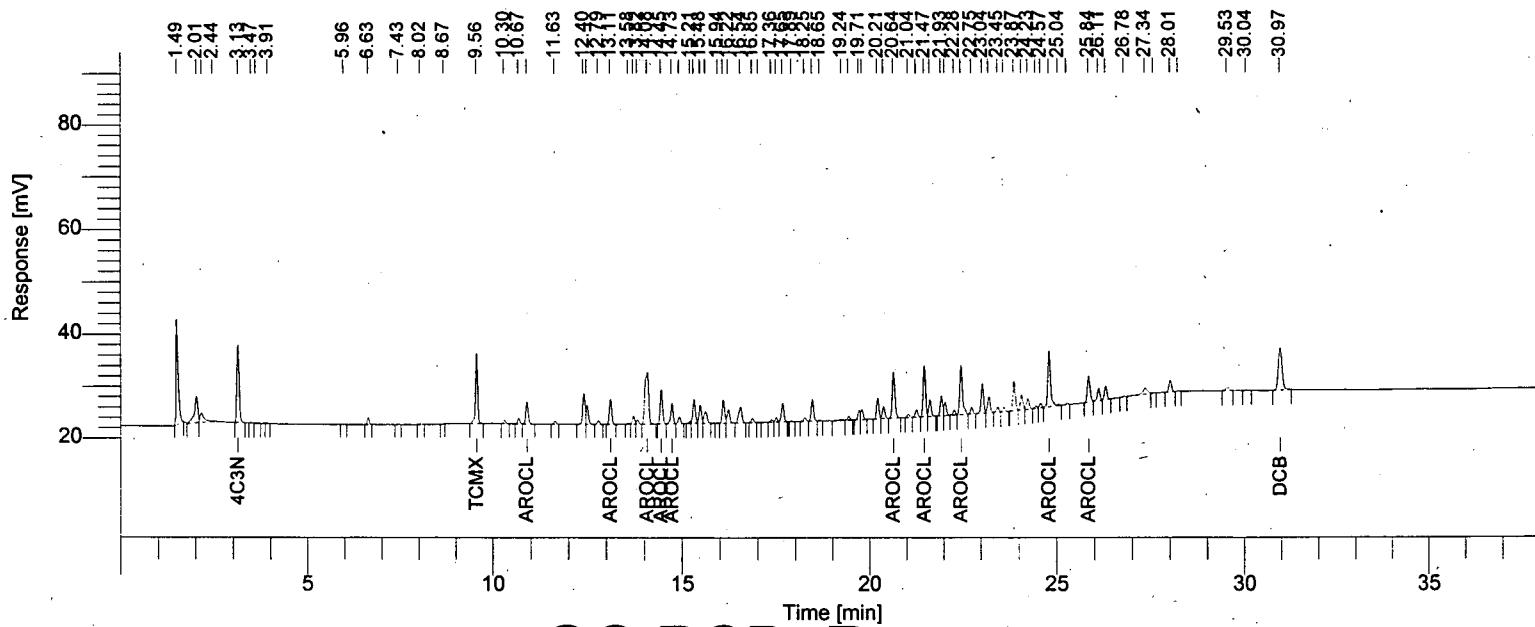
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 59 | 20.70 | Aroclor 1260-1 | 48818 | 0.0615 |
| 62 | 21.47 | Aroclor 1260-2 | 4746 | 0.0057 |
| 68 | 22.47 | Aroclor 1260-3 | 10110 | 0.0104 |
| 77 | 24.80 | Aroclor 1260-4 | 1084 | 0.0010 |
| 79 | 25.85 | Aroclor 1260-5 | 600 | 0.0012 |

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKI B
 Sample Number : 006
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/29/98 21:06:53 PM

Date : 05/22/98 08:45:33 AM
 Sample Name : AR1660L
 Study : 8082 ICAL
 Rack/Vial : 1/6
 Channel : A
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 6

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320R\1a_0429_006.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320R\1a_0429_006.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp.acq from
 \\gcsrv1\TCData\hp68901\april\980429320R\1a_0429_006.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 5 | 3.13 | 4C3N | 65651 | 0.0111 |
| 14 | 9.56 | TCMX | 54169 | 0.0045 |
| | 14.08 | AR1016 | 159888 | 0.0530 |
| | 24.80 | AR1260 | 221474 | 0.0535 |
| 85 | 30.97 | DCB | 58210 | 0.0054 |

05/22/98 08:45:33 AM Result:
\\gcsrv1\TCData\hp68901\april\980429320\r1a_0429_006.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 17 | 10.89 | Aroclor 1016-1 | 19192 | 0.0550 |
| 22 | 13.11 | Aroclor 1016-2 | 21791 | 0.0522 |
| 26 | 14.08 | Aroclor 1016-3 | 70985 | 0.0530 |
| 27 | 14.45 | Aroclor 1016-4 | 30012 | 0.0536 |
| 28 | 14.73 | Aroclor 1016-5 | 17908 | 0.0511 |

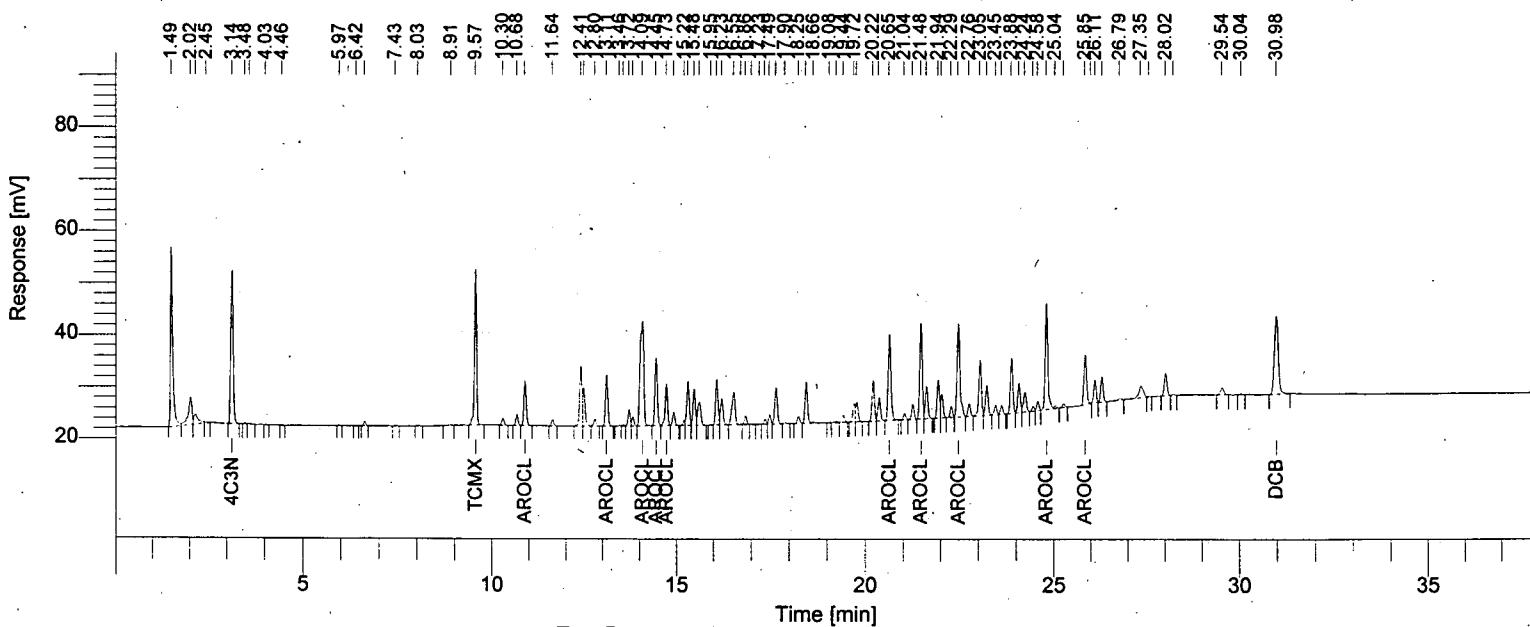
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 53 | 20.64 | Aroclor 1260-1 | 43938 | 0.0553 |
| 56 | 21.47 | Aroclor 1260-2 | 46185 | 0.0556 |
| 61 | 22.47 | Aroclor 1260-3 | 50897 | 0.0525 |
| 72 | 24.80 | Aroclor 1260-4 | 54494 | 0.0521 |
| 75 | 25.84 | Aroclor 1260-5 | 25960 | 0.0517 |

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 007
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/29/98 21:49:28 PM

Date : 05/22/98 08:45:39 AM
 Sample Name : AR1660ML
 Study : 8082 ICAL
 Rack/Vial : 1/7
 Channel : A
 A/D mV Range : 1000
 End Time : 37.95 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 7

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_007.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_007.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_007.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 5 | 3.14 | 4C3N | 134814 | 0.0228 |
| 16 | 9.57 | TCMX | 121029 | 0.0101 |
| | 14.09 | AR1016 | 322668 | 0.1070 |
| | 24.81 | AR1260 | 420528 | 0.1015 |
| 92 | 30.98 | DCB | 109076 | 0.0101 |

05/22/98 08:45:39 AM Result:
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Group Report For : AR1016

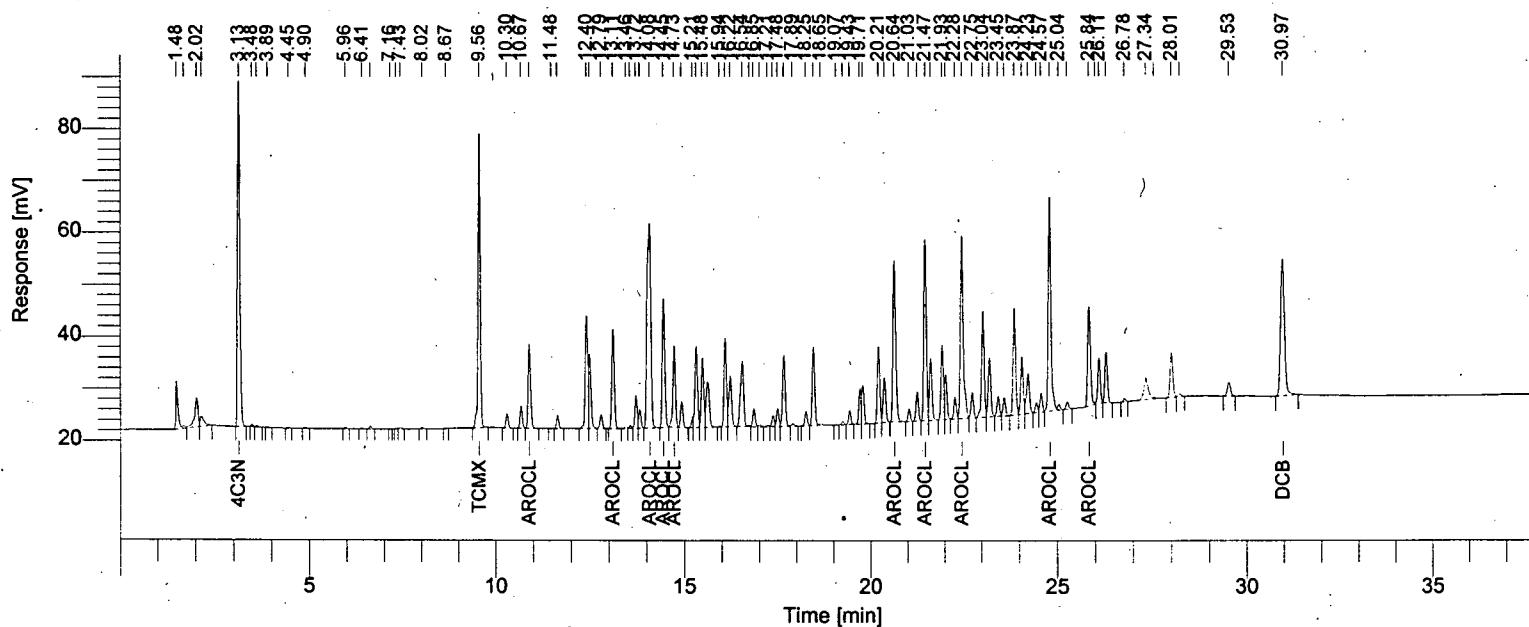
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 19 | 10.90 | Aroclor 1016-1 | 38335 | 0.1099 |
| 24 | 13.11 | Aroclor 1016-2 | 44497 | 0.1065 |
| 29 | 14.09 | Aroclor 1016-3 | 143036 | 0.1068 |
| 30 | 14.45 | Aroclor 1016-4 | 60093 | 0.1074 |
| 31 | 14.73 | Aroclor 1016-5 | 36708 | 0.1048 |

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 59 | 20.65 | Aroclor 1260-1 | 84197 | 0.1060 |
| 62 | 21.48 | Aroclor 1260-2 | 87016 | 0.1047 |
| 67 | 22.47 | Aroclor 1260-3 | 97527 | 0.1007 |
| 78 | 24.81 | Aroclor 1260-4 | 102362 | 0.0980 |
| 81 | 25.85 | Aroclor 1260-5 | 49424 | 0.0985 |

| | | | | | |
|-----------------------|---|----------------------|-----------------|---|----------------------|
| Software Version | : | 6.0.2:G11 | Date | : | 05/22/98 08:45:45 AM |
| Operator | : | LEWANDOWSKI B | Sample Name | : | AR1660M |
| Sample Number | : | 008 | Study | : | 8082 ICAL |
| AutoSampler | : | BUILT-IN | Rack/Vial | : | 1/8 |
| Instrument Name | : | HP68901 | Channel | : | A |
| Instrument Serial # | : | NONE | A/D mV Range | : | 1000 |
| Delay Time | : | 0.00 min | End Time | : | 37.94 min |
| Sampling Rate | : | 5.0000 pts/s | | | |
| Volume Injected | : | 1.000000 ul | Area Reject | : | 100.000000 |
| Sample Amount | : | 1.0000 | Dilution Factor | : | 1.00 |
| Data Acquisition Time | : | 04/29/98 22:31:59 PM | Cycle | : | 8 |

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_008.raw
Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_008.rst
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq_from
\\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_008.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 5 | 3.13 | 4C3N | 294982 | 0.0498 |
| 19 | 9.56 | TCMX | 234185 | 0.0195 |
| | 14.08 | AR1016 | 630292 | 0.2090 |
| | 24.80 | AR1260 | 831615 | 0.2008 |
| 95 | 30.97 | DCB | 191785 | 0.0178 |

05/22/98 08:45:45 AM Result:

\gcsrv1\TCDData\hp68901\april\980429320r\1a_0429_008.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 22 | 10.89 | Aroclor 1016-1 | 73790 | 0.2116 |
| 28 | 13.11 | Aroclor 1016-2 | 87961 | 0.2106 |
| 33 | 14.08 | Aroclor 1016-3 | 281138 | 0.2100 |
| 34 | 14.45 | Aroclor 1016-4 | 116152 | 0.2075 |
| 35 | 14.73 | Aroclor 1016-5 | 71251 | 0.2034 |

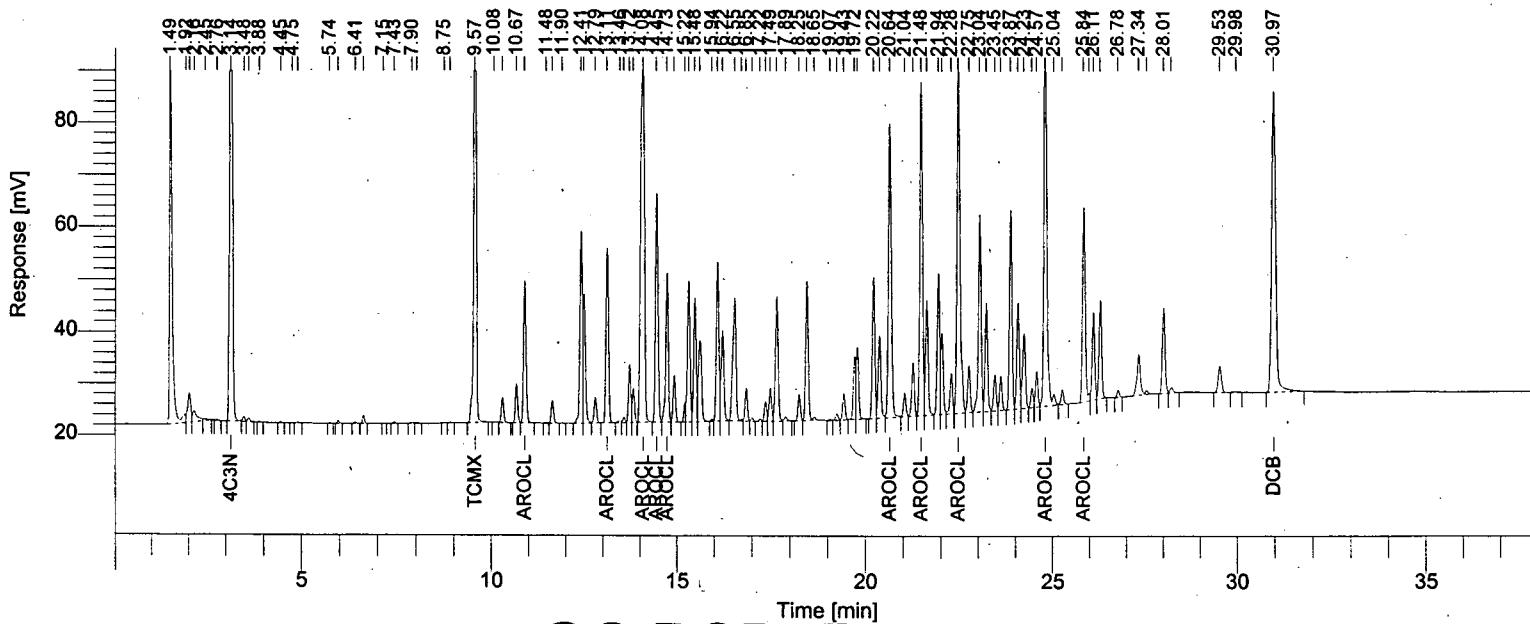
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 63 | 20.64 | Aroclor 1260-1 | 160359 | 0.2019 |
| 66 | 21.47 | Aroclor 1260-2 | 168340 | 0.2025 |
| 71 | 22.47 | Aroclor 1260-3 | 194850 | 0.2012 |
| 82 | 24.80 | Aroclor 1260-4 | 208186 | 0.1992 |
| 85 | 25.84 | Aroclor 1260-5 | 99879 | 0.1990 |

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 009
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/29/98 23:14:40 PM

Date : 05/22/98 08:45:50 AM
 Sample Name : AR1660MH
 Study : 8082 ICAL
 Rack/Vial : 1/9
 Channel : A
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 9

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320R\1a_0429_009.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320R\1a_0429_009.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320R\1a_0429_009.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 7 | 3.14 | 4C3N | 536221 | 0.0905 |
| 24 | 9.57 | TCMX | 504326 | 0.0419 |
| | 14.08 | AR1016 | 1147235 | 0.3804 |
| | 24.80 | AR1260 | 1606516 | 0.3879 |
| 103 | 30.97 | DCB | 431861 | 0.0401 |

05/22/98 08:45:50 AM Result:
\\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_009.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 28 | 10.89 | Aroclor 1016-1 | 128573 | 0.3687 |
| 35 | 13.11 | Aroclor 1016-2 | 159290 | 0.3813 |
| 40 | 14.08 | Aroclor 1016-3 | 510427 | 0.3812 |
| 41 | 14.45 | Aroclor 1016-4 | 212587 | 0.3798 |
| 42 | 14.73 | Aroclor 1016-5 | 136360 | 0.3893 |

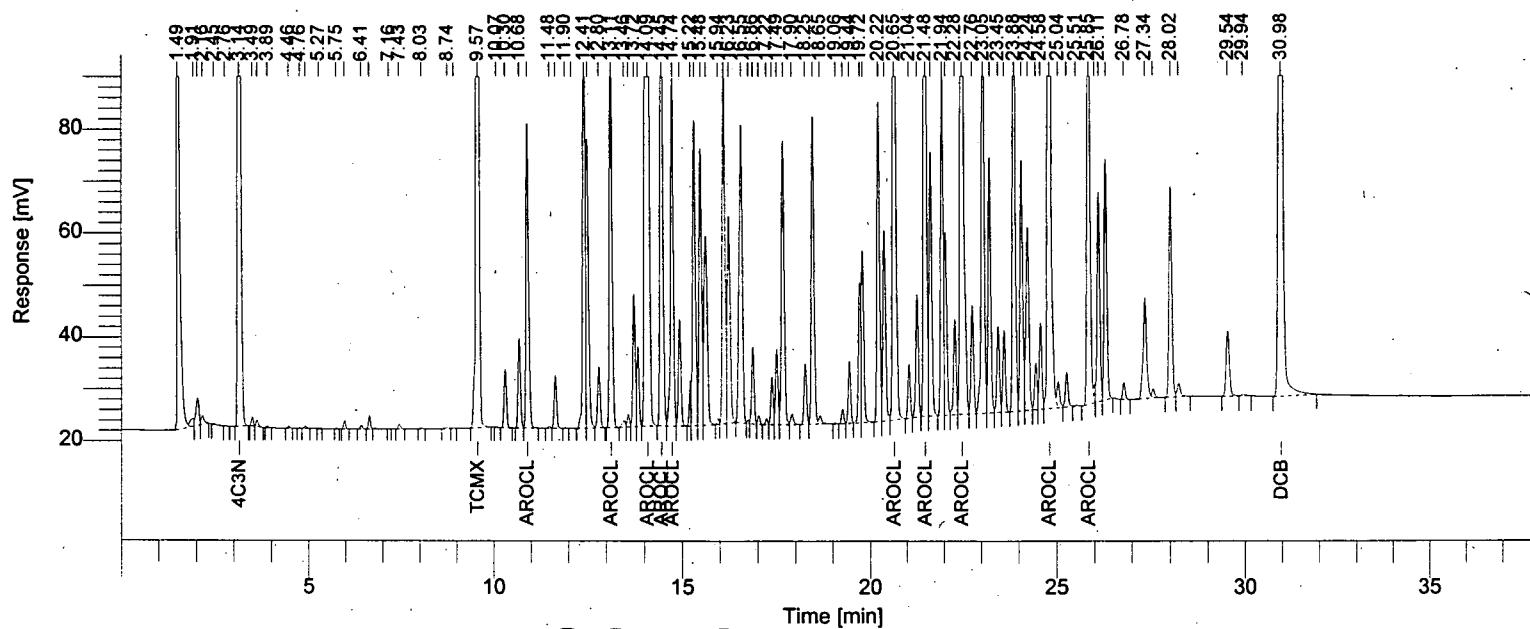
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 70 | 20.64 | Aroclor 1260-1 | 302993 | 0.3814 |
| 73 | 21.48 | Aroclor 1260-2 | 315703 | 0.3799 |
| 78 | 22.47 | Aroclor 1260-3 | 378907 | 0.3912 |
| 89 | 24.80 | Aroclor 1260-4 | 411536 | 0.3938 |
| 92 | 25.84 | Aroclor 1260-5 | 197377 | 0.3932 |

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKI B
 Sample Number : 010
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/29/98 23:57:13 PM

Date : 05/22/98 08:45:55 AM
 Sample Name : AR1660H
 Study : 8082 ICAL
 Rack/Vial : 1/10
 Channel : A
 A/D mV Range : 1000
 End Time : 37.99 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 10

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_010.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_010.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp.acq from
 \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_010.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 7 | 3.14 | 4C3N | 1010741 | 0.1706 |
| 24 | 9.57 | TCMX | 1287668 | 0.1071 |
| | 14.09 | AR1016 | 2633365 | 0.8733 |
| | 24.81 | AR1260 | 3896564 | 0.9409 |
| 105 | 30.98 | DCB | 1090321 | 0.1013 |

240

05/22/98 08:45:55 AM Result:

\gcsv1\TCDData\hp68901\april\980429320\1a_0429_010.rst

Group Report For : AR1016

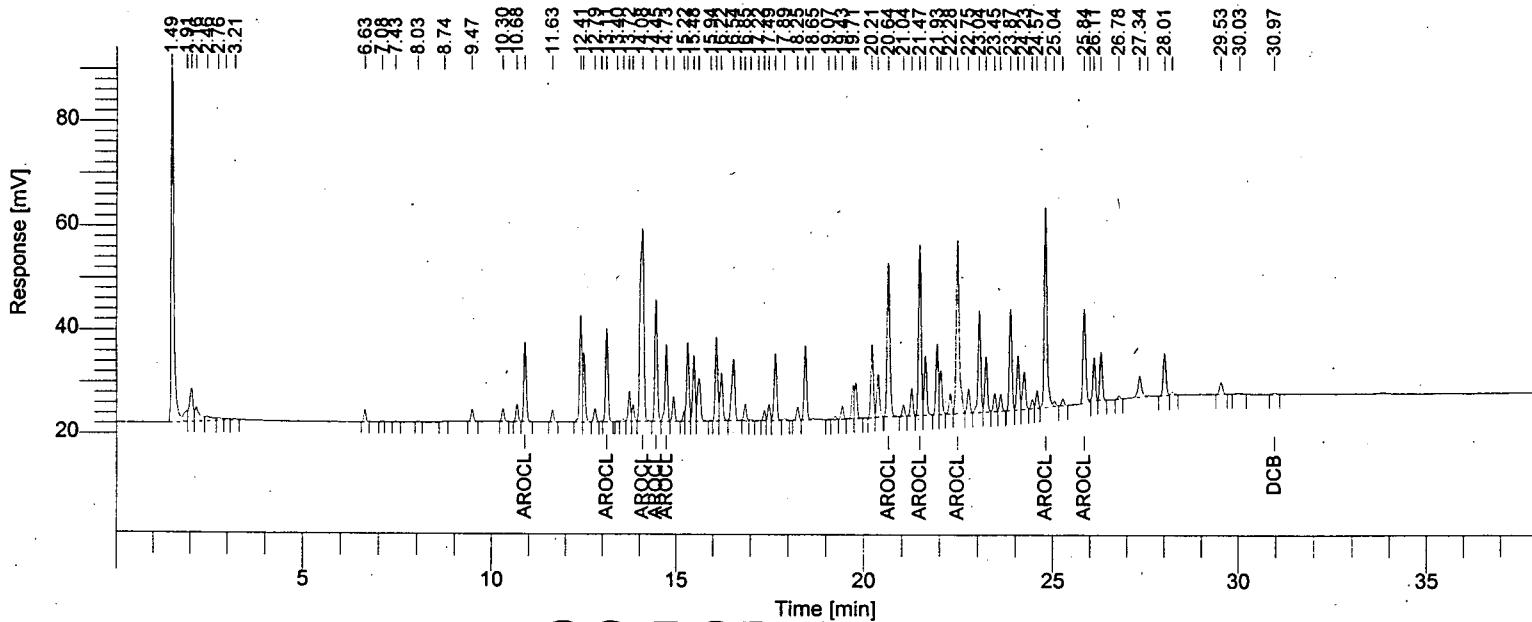
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 28 | 10.90 | Aroclor 1016-1 | 286257 | 0.8208 |
| 36 | 13.11 | Aroclor 1016-2 | 369978 | 0.8856 |
| 41 | 14.09 | Aroclor 1016-3 | 1162945 | 0.8685 |
| 42 | 14.45 | Aroclor 1016-4 | 485450 | 0.8672 |
| 43 | 14.74 | Aroclor 1016-5 | 328735 | 0.9386 |

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 71 | 20.65 | Aroclor 1260-1 | 692063 | 0.8712 |
| 74 | 21.48 | Aroclor 1260-2 | 730755 | 0.8792 |
| 79 | 22.48 | Aroclor 1260-3 | 928522 | 0.9586 |
| 90 | 24.81 | Aroclor 1260-4 | 1041893 | 0.9970 |
| 94 | 25.85 | Aroclor 1260-5 | 503330 | 1.0028 |

| | | | |
|-----------------------|------------------------|-----------------|------------------------|
| Software Version | : 6.0.2:G11 | Date | : 05/22/98 08:45:59 AM |
| Operator | : LEWANDOWSKI B | Sample Name | : AR1660REF |
| Sample Number | : 011 | Study | : 8082 ICAL |
| AutoSampler | : BUILT-IN | Rack/Vial | : 1/11 |
| Instrument Name | : HP68901 | Channel | : A |
| Instrument Serial # | : NONE | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 38.00 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 ul | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 04/30/98 00:39:41 AM | Cycle | : 11 |

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320R\1a_0429_011.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320R\1a_0429_011.rst
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 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 91 | 14.08 | AR1016 | 597182 | 0.1980 |
| | 24.80 | AR1260 | 789949 | 0.1908 |
| | 30.97 | DCB | 1886 | 0.0002 |

05/22/98 08:45:59 AM Result:
\\gcsrv1\TCData\hp68901\april\980429320\r\1a_0429_011.rst

Group Report For : AR1016

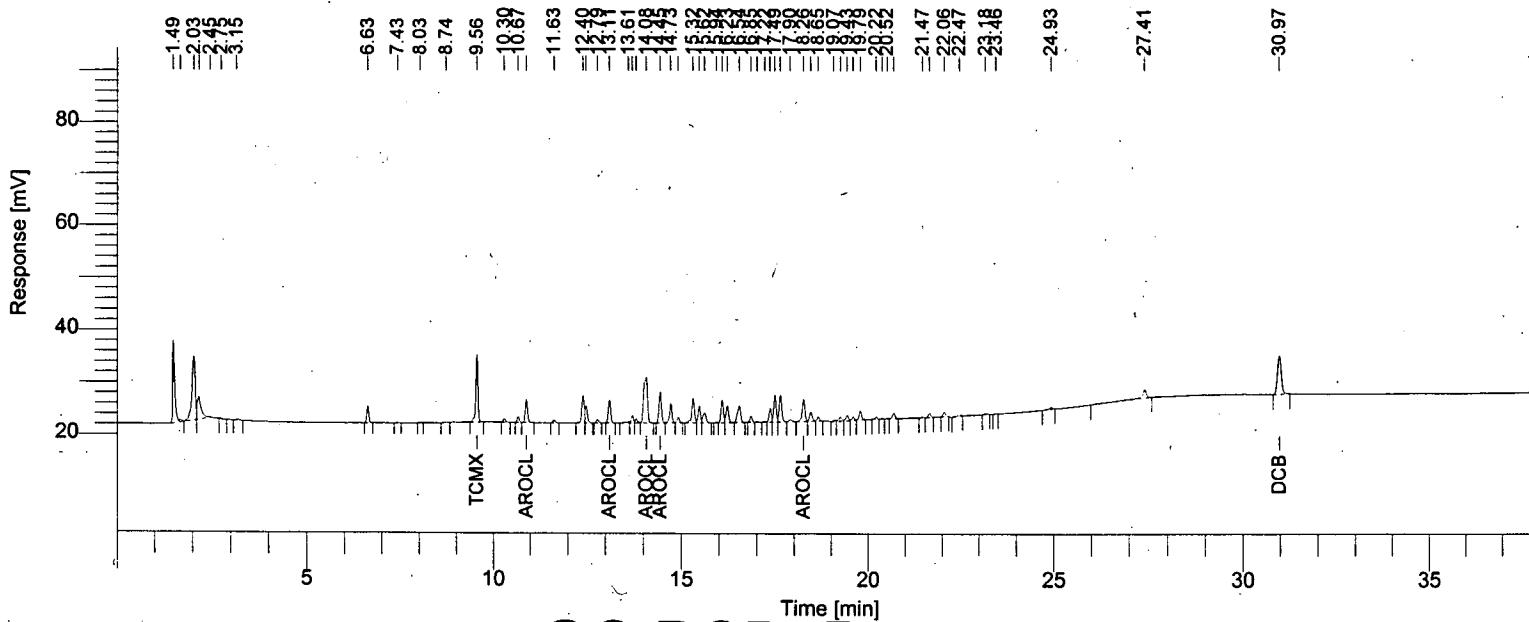
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 17 | 10.89 | Aroclor 1016-1 | 69687 | 0.1998 |
| 23 | 13.11 | Aroclor 1016-2 | 83177 | 0.1991 |
| 28 | 14.08 | Aroclor 1016-3 | 264465 | 0.1975 |
| 29 | 14.45 | Aroclor 1016-4 | 110872 | 0.1981 |
| 30 | 14.73 | Aroclor 1016-5 | 68982 | 0.1970 |

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 58 | 20.64 | Aroclor 1260-1 | 153587 | 0.1933 |
| 61 | 21.47 | Aroclor 1260-2 | 160168 | 0.1927 |
| 66 | 22.47 | Aroclor 1260-3 | 185084 | 0.1911 |
| 77 | 24.80 | Aroclor 1260-4 | 196462 | 0.1880 |
| 80 | 25.84 | Aroclor 1260-5 | 94648 | 0.1886 |

| | | | |
|-----------------------|------------------------|-----------------|------------------------|
| Software Version | : 6.0.2:G11 | Date | : 05/22/98 08:46:04 AM |
| Operator | : LEWANDOWSKIB | Sample Name | : AR1242L |
| Sample Number | : 012 | Study | : 8082 ICAL |
| AutoSampler | : BUILT-IN | Rack/Vial | : 1/12 |
| Instrument Name | : HP68901 | Channel | : A |
| Instrument Serial # | : NONE | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 37.94 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 ul | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 04/30/98 01:22:08 AM | Cycle | : 12 |

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_012.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_012.rst
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 \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_012.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1242_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1242_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 12 | 9.56 | TCMX | 51871 | 0.0046 |
| | 14.08 | AR1242 | 148669 | 0.0543 |
| 62 | 30.97 | DCB | 52339 | 0.0050 |

05/22/98 08:46:04 AM Result:

\gcsrv1\TCData\hp68901\april\980429320\1a_0429_012.rst

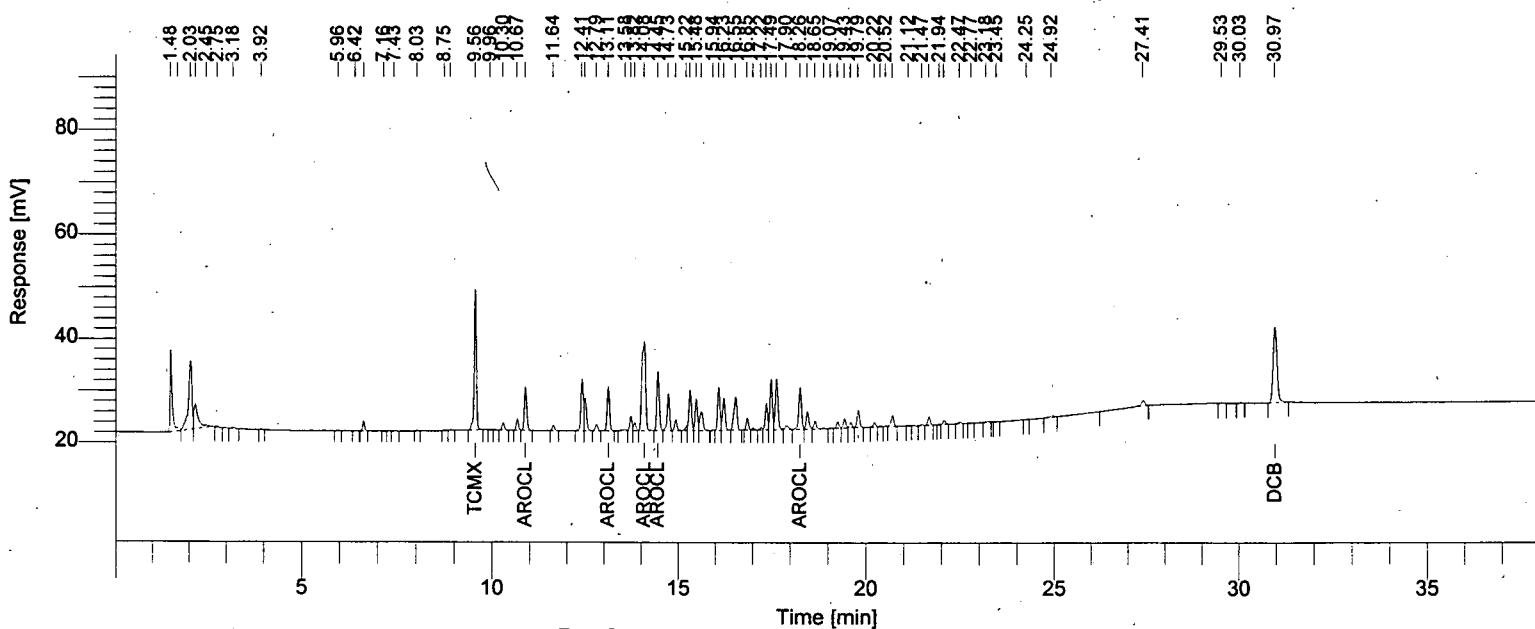
Group Report For : AR1242

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 15 | 10.89 | Aroclor 1242-1 | 19306 | 0.0563 |
| 20 | 13.11 | Aroclor 1242-2 | 19156 | 0.0530 |
| 24 | 14.08 | Aroclor 1242-3 | 61951 | 0.0541 |
| 25 | 14.45 | Aroclor 1242-4 | 26673 | 0.0550 |
| 42 | 18.26 | Aroclor 1242-5 | 21583 | 0.0538 |

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKI B
 Sample Number : 013
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 02:04:40 AM

Date : 05/22/98 08:46:08 AM
 Sample Name : AR1242ML
 Study : 8082 ICAL
 Rack/Vial : 1/13
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 13

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_013.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_013.rst
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 \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_013.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1242_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1242_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 17 | 9.56 | TCMX | 109859 | 0.0097 |
| | 14.08 | AR1242 | 290992 | 0.1064 |
| 76 | 30.97 | DCB | 105616 | 0.0102 |

05/22/98 08:46:08 AM Result:

\gcsv1\TCDData\hp68901\april\980429320r\1a_0429_013.rst

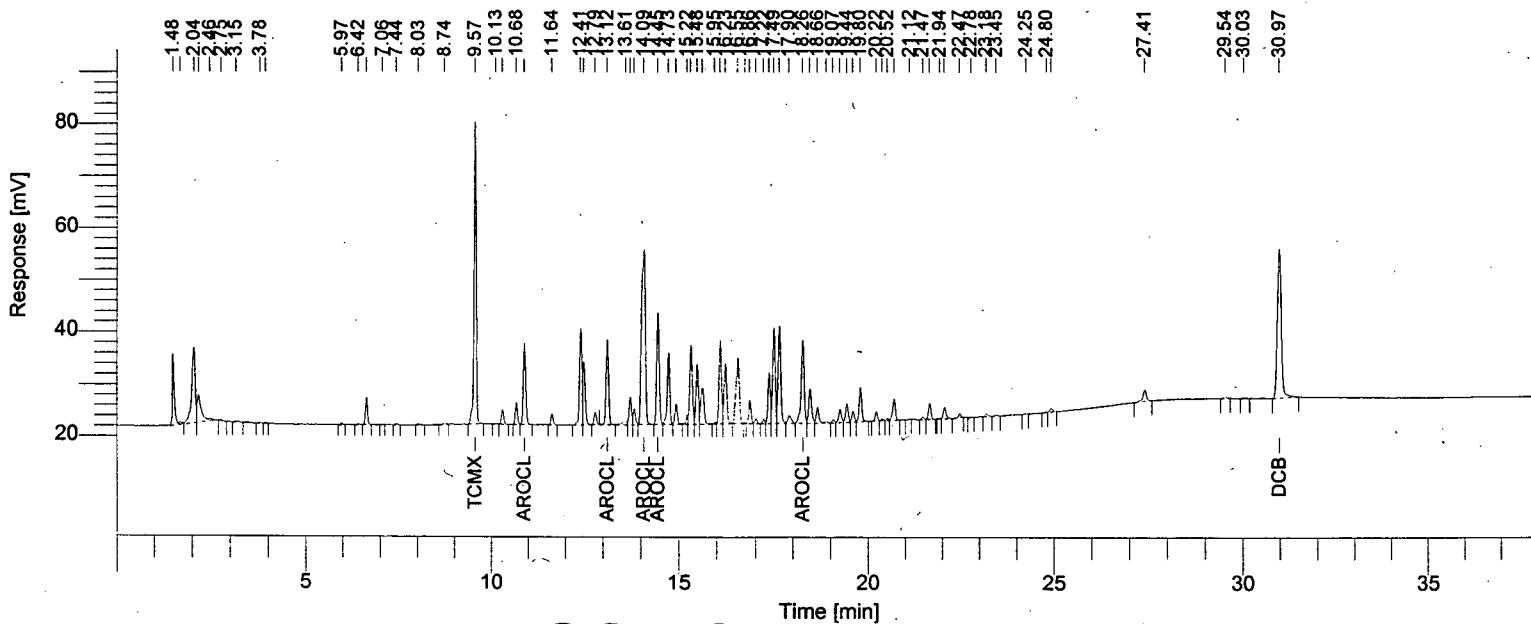
Group Report For : AR1242

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 21 | 10.89 | Aroclor 1242-1 | 37541 | 0.1095 |
| 26 | 13.11 | Aroclor 1242-2 | 38577 | 0.1068 |
| 30 | 14.08 | Aroclor 1242-3 | 121932 | 0.1065 |
| 31 | 14.45 | Aroclor 1242-4 | 51932 | 0.1071 |
| 49 | 18.26 | Aroclor 1242-5 | 41010 | 0.1022 |

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 014
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 02:47:16 AM

Date : 05/22/98 08:46:14 AM
 Sample Name : AR1242M
 Study : 8082 ICAL
 Rack/Vial : 1/14
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 14

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_014.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_014.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_014.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1242_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1242_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 17 | 9.57 | TCMX | 241957 | 0.0213 |
| | 14.09 | AR1242 | 578087 | 0.2113 |
| 78 | 30.97 | DCB | 213118 | 0.0205 |

05/22/98 08:46:14 AM Result:

\gcsrv1\TCDData\hp68901\april\980429320r\1a_0429_014.rst

Group Report For : AR1242

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 21 | 10.90 | Aroclor 1242-1 | 72236 | 0.2107 |
| 26 | 13.12 | Aroclor 1242-2 | 76022 | 0.2104 |
| 30 | 14.09 | Aroclor 1242-3 | 239731 | 0.2093 |
| 31 | 14.45 | Aroclor 1242-4 | 101265 | 0.2088 |
| 50 | 18.26 | Aroclor 1242-5 | 88833 | 0.2215 |

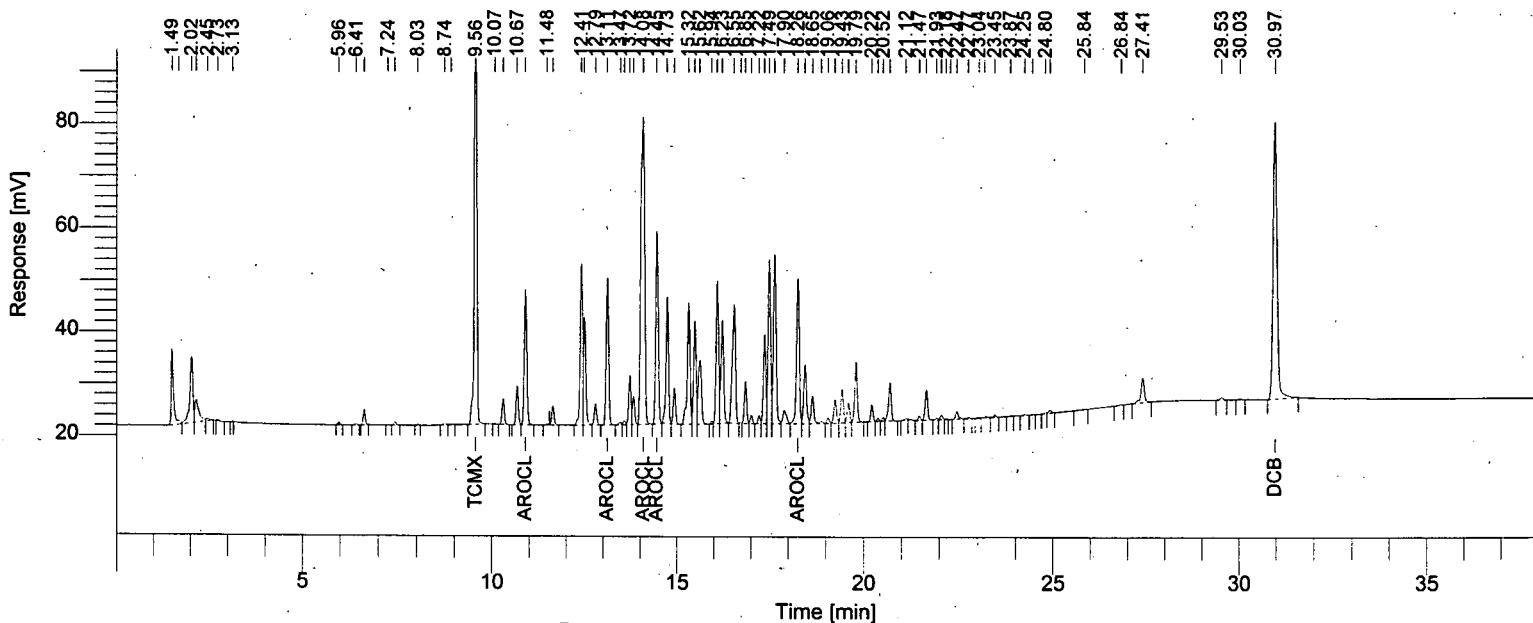
249

Software Version : 6.0.2.G11
 Operator : LEWANDOWSKIB
 Sample Number : 015
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 03:29:53 AM

Date : 05/22/98 08:46:19 AM
 Sample Name : AR1242MH
 Study : 8082 ICAL
 Rack/Vial : 1/15
 Channel : A
 A/D mV Range : 1000
 End Time : 38.00 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 15

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_015.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_015.rst
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 \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_015.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1242_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1242_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 16 | 9.56 | TCMX | 452383 | 0.0398 |
| | 14.08 | AR1242 | 1001598 | 0.3662 |
| 85 | 30.97 | DCB | 400096 | 0.0385 |

250

05/22/98 08:46:19 AM Result:

\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_015.rst

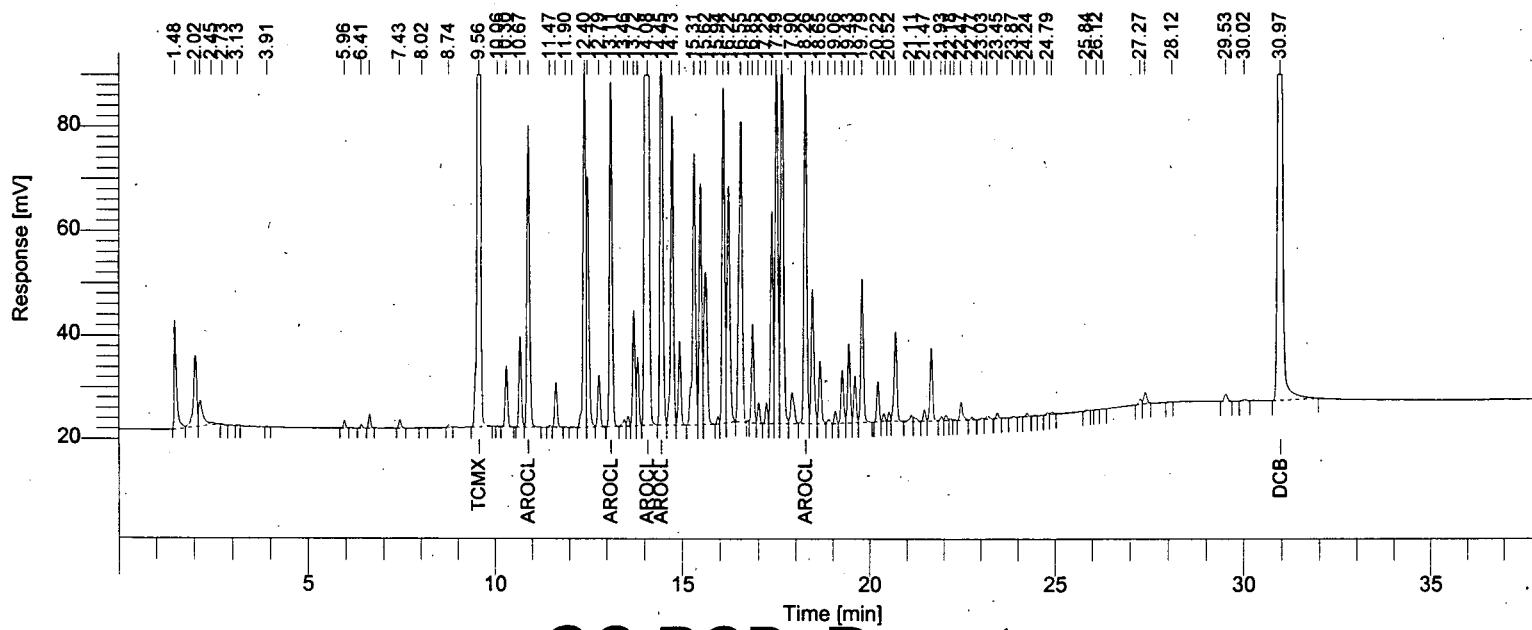
Group Report For : AR1242

| Peak # | Ret,Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 20 | 10.89 | Aroclor 1242-1 | 122765 | 0.3581 |
| 26 | 13.11 | Aroclor 1242-2 | 133386 | 0.3692 |
| 31 | 14.08 | Aroclor 1242-3 | 423978 | 0.3702 |
| 32 | 14.45 | Aroclor 1242-4 | 176349 | 0.3637 |
| 50 | 18.26 | Aroclor 1242-5 | 145120 | 0.3618 |

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 016
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 04:12:28 AM

Date : 05/22/98 08:46:24 AM
 Sample Name : AR1242H
 Study : 8082 ICAL
 Rack/Vial : 1/16
 Channel : A
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 16

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320\1a_0429_016.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320\1a_0429_016.rst
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 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1242_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1242_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 14 | 9.56 | TCMX | 1201762 | 0.1058 |
| | 14.08 | AR1242 | 2399453 | 0.8772 |
| 90 | 30.97 | DCB | 1022432 | 0.0985 |

05/22/98 08:46:24 AM Result:

\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_016.rst

Group Report For : AR1242

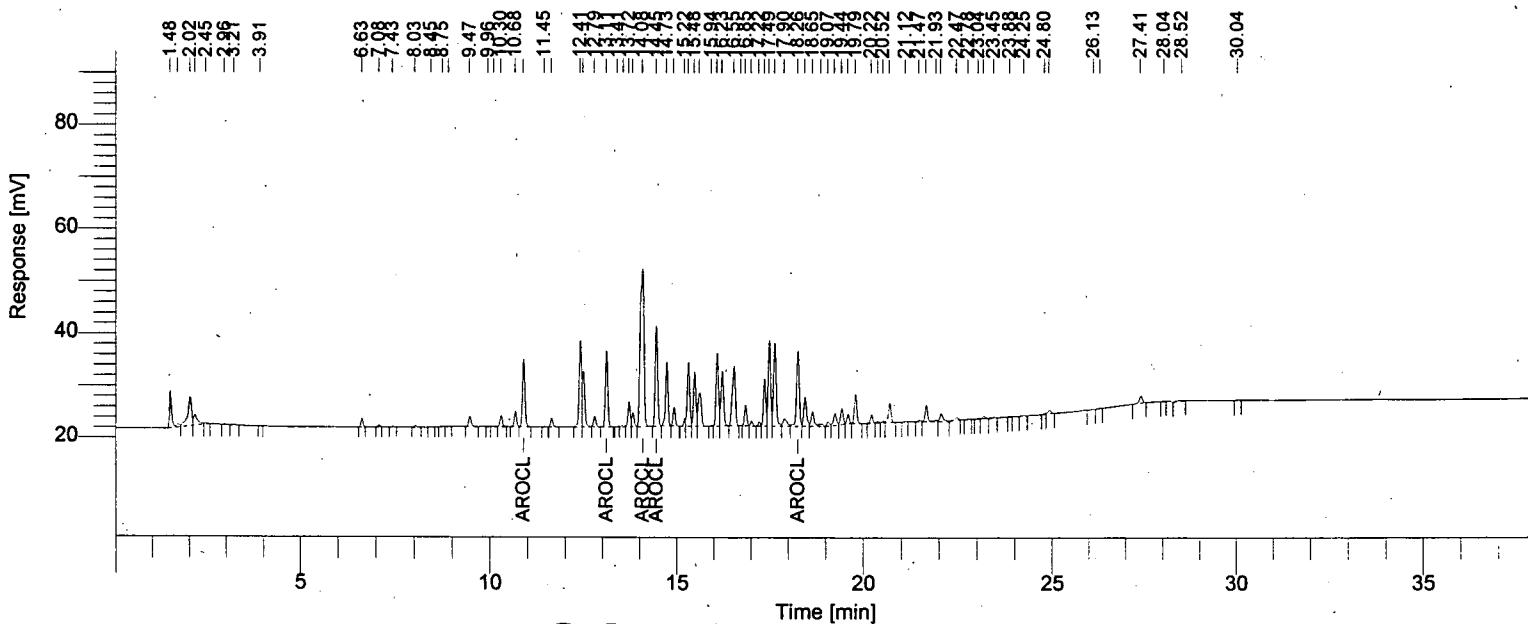
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 18 | 10.89 | Aroclor 1242-1 | 284475 | 0.8298 |
| 26 | 13.11 | Aroclor 1242-2 | 323730 | 0.8962 |
| 31 | 14.08 | Aroclor 1242-3 | 1009811 | 0.8817 |
| 32 | 14.45 | Aroclor 1242-4 | 424622 | 0.8757 |
| 50 | 18.26 | Aroclor 1242-5 | 356815 | 0.8896 |

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 017
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 04:55:08 AM

Date : 05/22/98 08:46:28 AM
 Sample Name : AR1242REF
 Study : 8082 ICAL
 Rack/Vial : 1/17
 Channel : A
 A/D mV Range : 1000
 End Time : 38.00 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 17

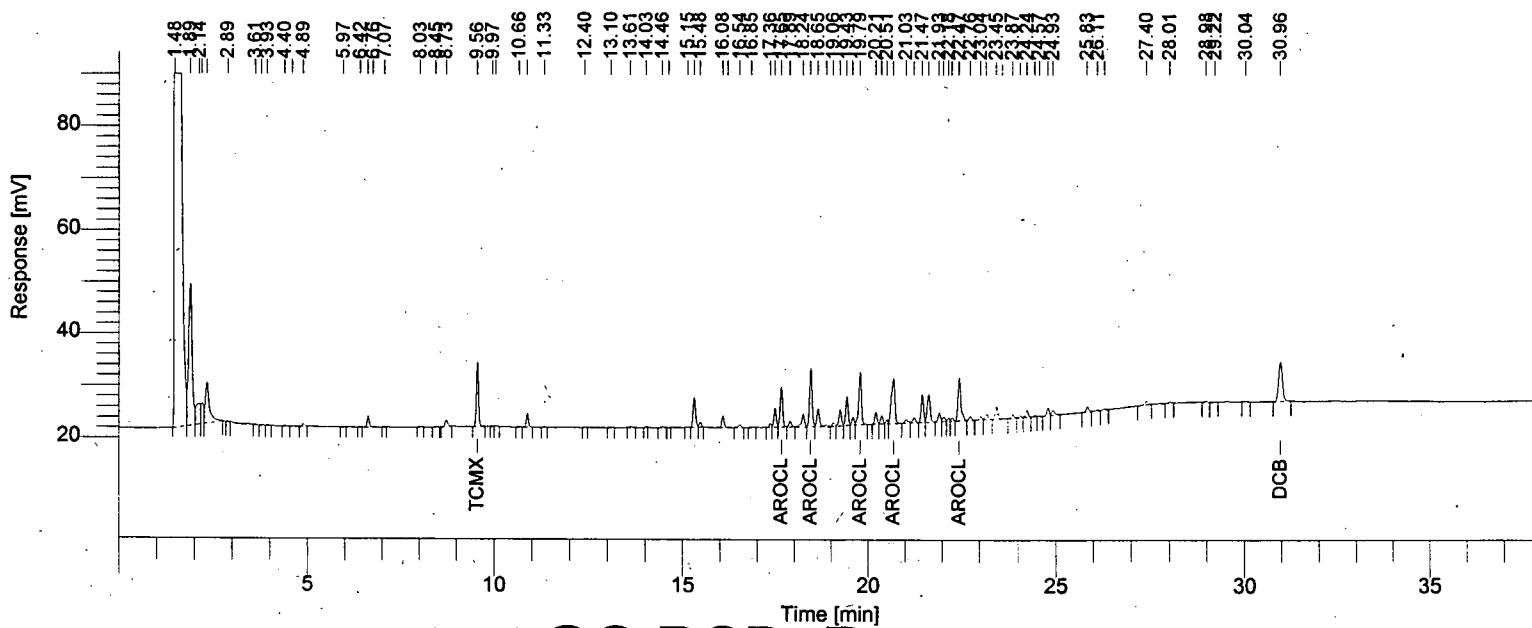
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 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1242_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1242_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 018
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 05:37:44 AM

Date : 05/22/98 08:46:33 AM
 Sample Name : AR1254L
 Study : 8082 ICAL
 Rack/Vial : 1/18
 Channel : A
 A/D mV Range : 1000
 End Time : 37.95 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 18

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_018.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_018.rst
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 \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_018.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 21 | 9.56 | TCMX | 47667 | 0.0045 |
| | 18.45 | AR1254 | 243699 | 0.0574 |
| 86 | 30.96 | DCB | 54203 | 0.0050 |

05/22/98 08:46:33 AM Result:

\gcsrv1\TCDData\hp68901\april\980429320r\1a_0429_018.rst

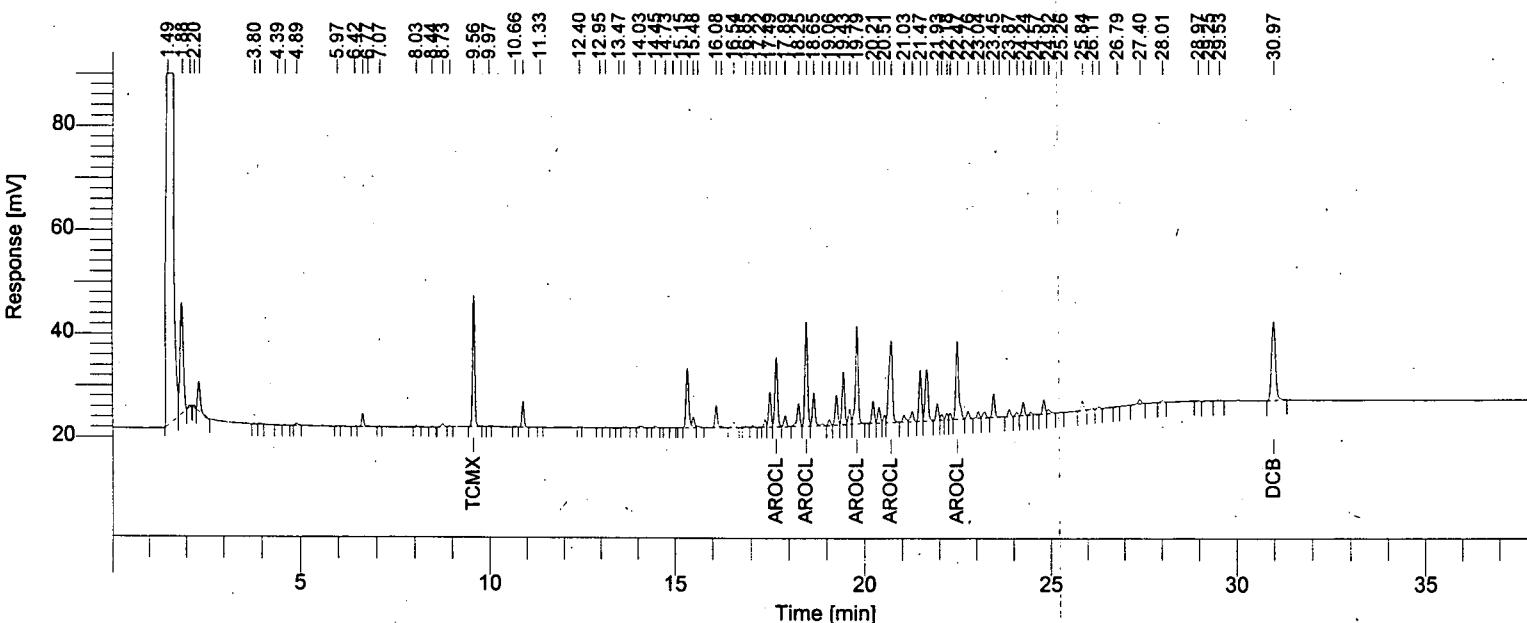
Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 42 | 17.65 | Aroclor 1254-1 | 36951 | 0.0592 |
| 45 | 18.45 | Aroclor 1254-2 | 54604 | 0.0603 |
| 52 | 19.79 | Aroclor 1254-3 | 50370 | 0.0550 |
| 56 | 20.69 | Aroclor 1254-4 | 57288 | 0.0577 |
| 65 | 22.47 | Aroclor 1254-5 | 44486 | 0.0553 |

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKI B
 Sample Number : 019
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 06:20:16 AM

Date : 05/22/98 08:46:38 AM
 Sample Name : AR1254ML
 Study : 8082 ICAL
 Rack/Vial : 1/19
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 19

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320\1a_0429_019.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320\1a_0429_019.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320\1a_0429_019.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 20 | 9.56 | TCMX | 99182 | 0.0094 |
| | 18.45 | AR1254 | 452979 | 0.1068 |
| 92 | 30.97 | DCB | 111700 | 0.0103 |

05/22/98 08:46:38 AM Result:

\gcsrv1\TCDData\hp68901\april\980429320r\1a_0429_019.rst

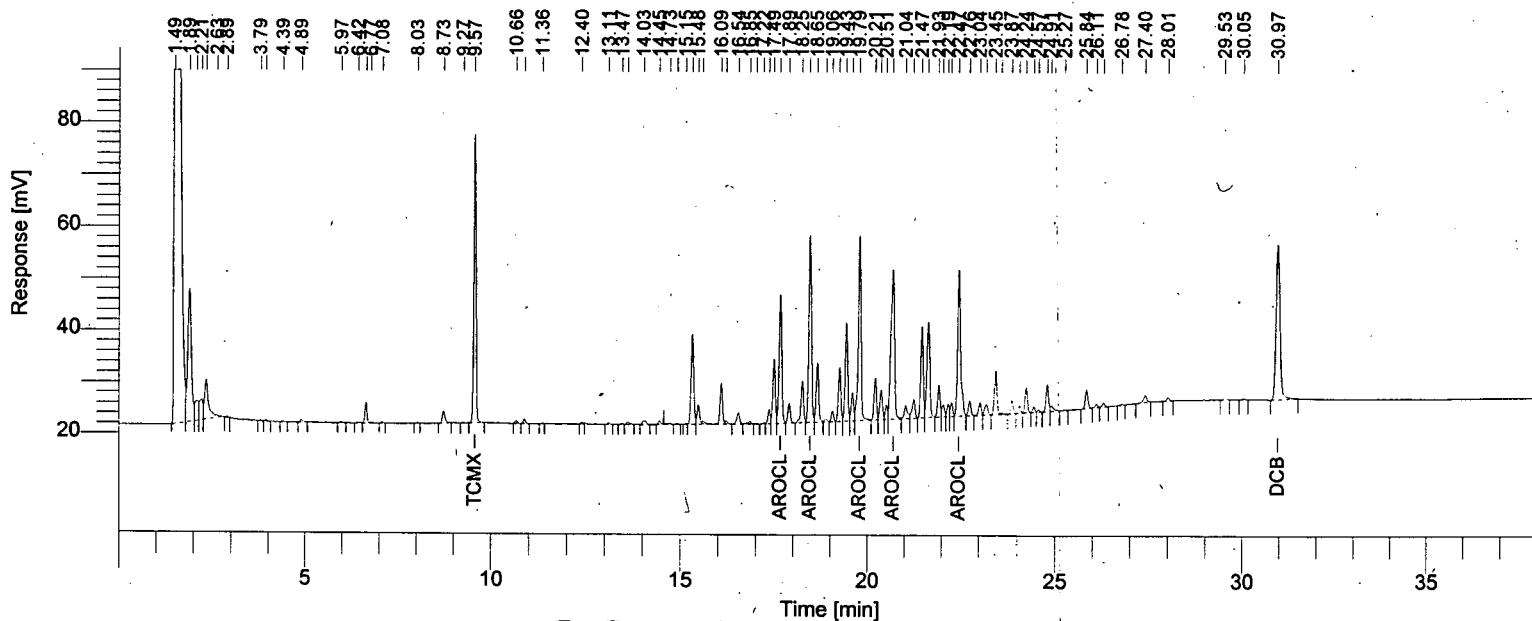
Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 46 | 17.66 | Aroclor 1254-1 | 66599 | 0.1067 |
| 49 | 18.45 | Aroclor 1254-2 | 99185 | 0.1095 |
| 56 | 19.79 | Aroclor 1254-3 | 95101 | 0.1038 |
| 60 | 20.69 | Aroclor 1254-4 | 107362 | 0.1082 |
| 69 | 22.47 | Aroclor 1254-5 | 84732 | 0.1054 |

Software Version : 6.0.2.G11
 Operator : LEWANDOWSKIB
 Sample Number : 020
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 μ l
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 07:02:52 AM

Date : 05/22/98 08:46:42 AM
 Sample Name : AR1254M
 Study : 8082 ICAL
 Rack/Vial : 1/20
 Channel : A
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 20

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320R\1a_0429_020.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320R\1a_0429_020.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320R\1a_0429_020.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2 μ l Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 20 | 9.57 | TCMX | 221906 | 0.0211 |
| | 18.45 | AR1254 | 852858 | 0.2010 |
| 89 | 30.97 | DCB | 225057 | 0.0208 |

259

05/22/98 08:46:42 AM Result:
\\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_020.rst

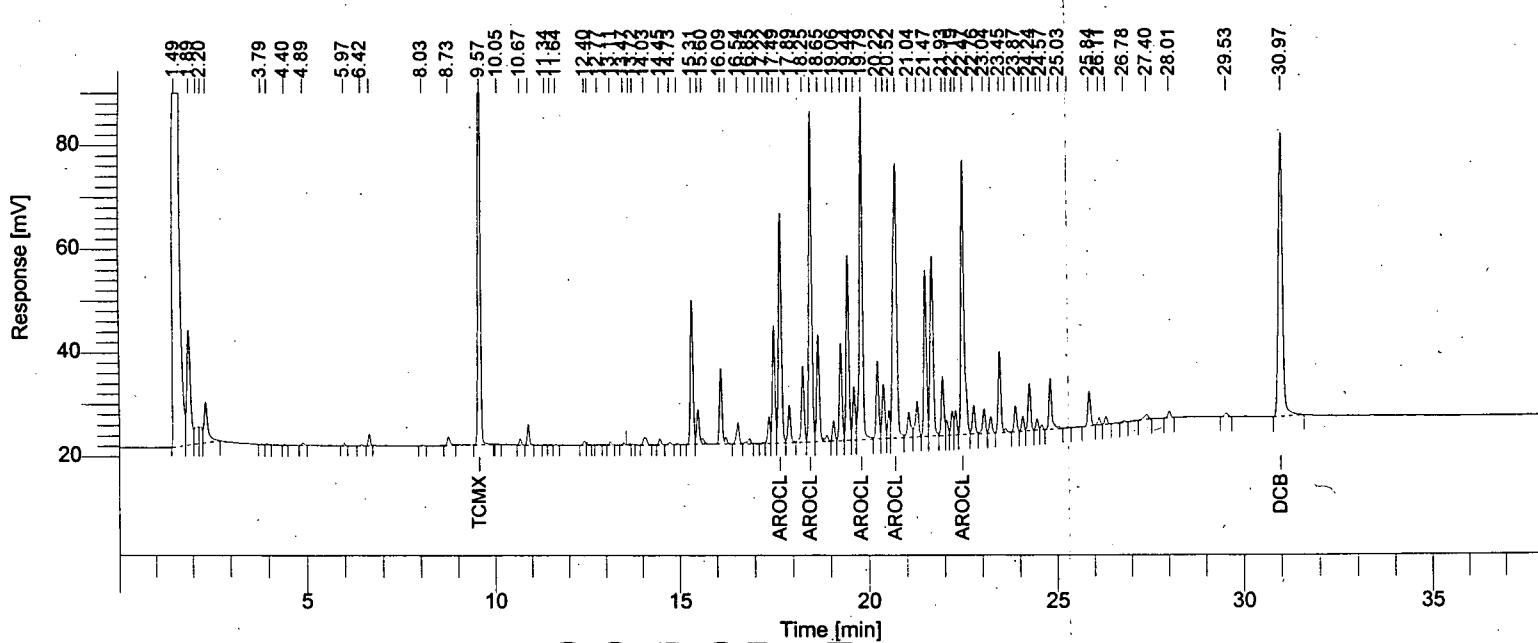
Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 44 | 17.66 | Aroclor 1254-1 | 126122 | 0.2020 |
| 47 | 18.45 | Aroclor 1254-2 | 181453 | 0.2003 |
| 54 | 19.79 | Aroclor 1254-3 | 184984 | 0.2018 |
| 58 | 20.69 | Aroclor 1254-4 | 199955 | 0.2015 |
| 67 | 22.47 | Aroclor 1254-5 | 160344 | 0.1995 |

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKI B
 Sample Number : 021
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 μ l
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 07:45:28 AM

Date : 05/22/98 08:46:47 AM
 Sample Name : AR1254MH
 Study : 8082 ICAL
 Rack/Vial : 1/21
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 21

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r1a_0429_021.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r1a_0429_021.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320r1a_0429_021.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2 μ l Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 15 | 9.57 | TCMX | 433890 | 0.0413 |
| | 19.79 | AR1254 | 1583088 | 0.3731 |
| 88 | 30.97 | DCB | 412611 | 0.0382 |

05/22/98 08:46:47 AM Result:

\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_021.rst

Group Report For : AR1254

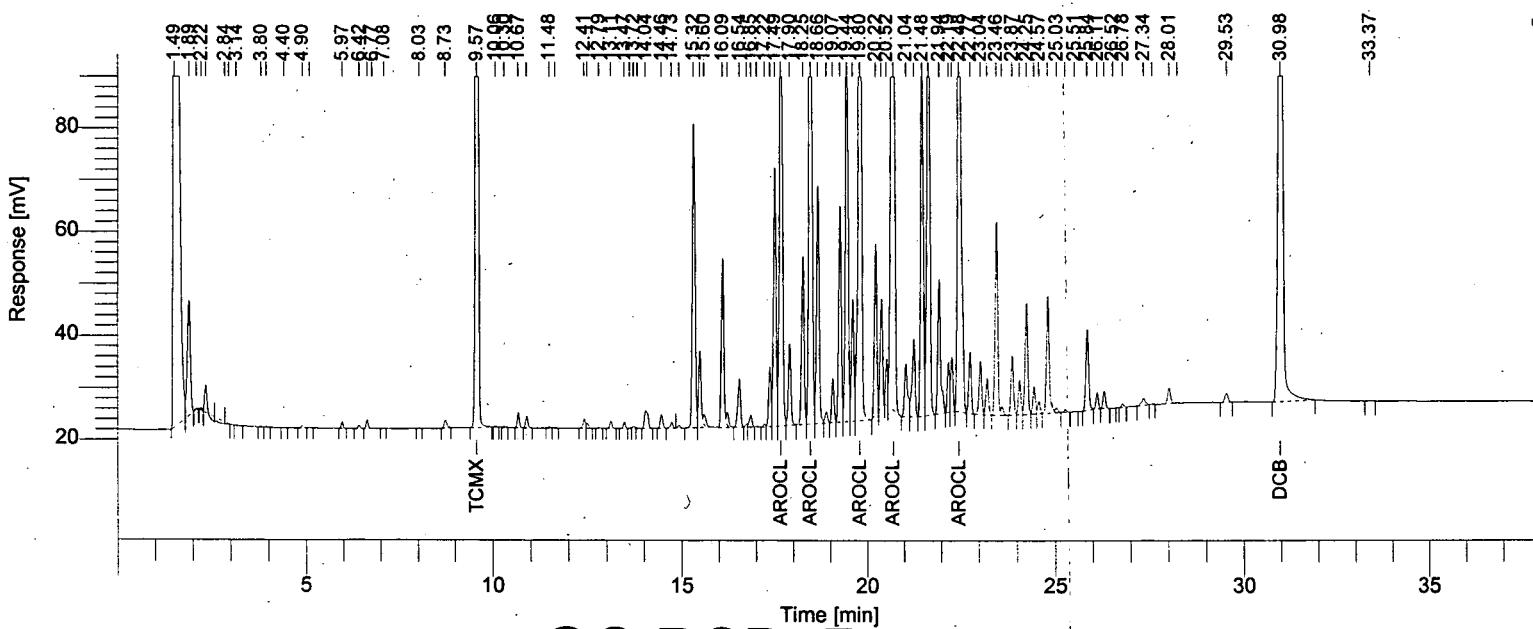
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 44 | 17.66 | Aroclor 1254-1 | 229773 | 0.3680 |
| 47 | 18.46 | Aroclor 1254-2 | 326187 | 0.3601 |
| 54 | 19.79 | Aroclor 1254-3 | 351870 | 0.3839 |
| 58 | 20.69 | Aroclor 1254-4 | 370762 | 0.3736 |
| 67 | 22.47 | Aroclor 1254-5 | 304496 | 0.3788 |

262

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKI B
 Sample Number : 022
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 08:27:56 AM

Date : 05/22/98 08:46:52 AM
 Sample Name : AR1254H
 Study : 8082 ICAL
 Rack/Vial : 1/22
 Channel : A
 A/D mV Range : 1000
 End Time : 37.95 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 22

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_022.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_022.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_022.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 21 | 9.57 | TCMX | 1117692 | 0.1063 |
| | 19.80 | AR1254 | 3589942 | 0.8461 |
| 99 | 30.98 | DCB | 1042553 | 0.0965 |

05/22/98 08:46:52 AM Result:

\gcsv1\TCData\hp68901\april\980429320\r\1a_0429_022.rst

Group Report For : AR1254

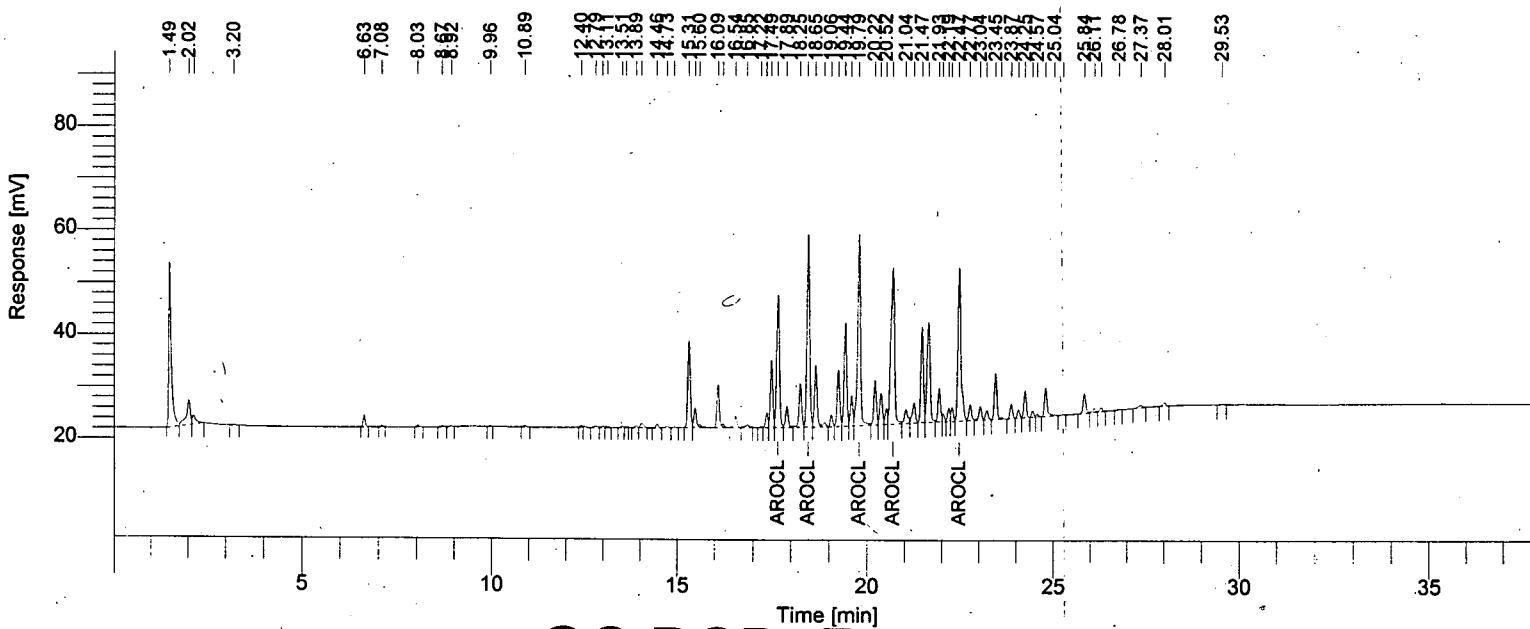
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 52 | 17.66 | Aroclor 1254-1 | 512238 | 0.8203 |
| 55 | 18.46 | Aroclor 1254-2 | 722873 | 0.7980 |
| 62 | 19.80 | Aroclor 1254-3 | 819758 | 0.8944 |
| 66 | 20.70 | Aroclor 1254-4 | 815810 | 0.8221 |
| 74 | 22.48 | Aroclor 1254-5 | 719263 | 0.8948 |

264

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 023
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 09:10:24 AM

Date : 05/22/98 08:46:57 AM
 Sample Name : AR1254REF
 Study : 8082 ICAL
 Rack/Vial : 1/23
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 23

Raw Data File : \\gcsrv1\TCDATA\hp68901\april\980429320\1a_0429_023.raw
 Result File : \\gcsrv1\TCDATA\hp68901\april\980429320\1a_0429_023.rst
 Inst Method : \\gcsrv1\TCDATA\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCDATA\hp68901\april\980429320\1a_0429_023.rst
 Proc Method : \\gcsrv1\TCDATA\hp68901\methods\681a_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCDATA\hp68901\methods\681a_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCDATA\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 18.46 | AR1254 | | 886061 | 0.2088 |

Group Report For : AR1254

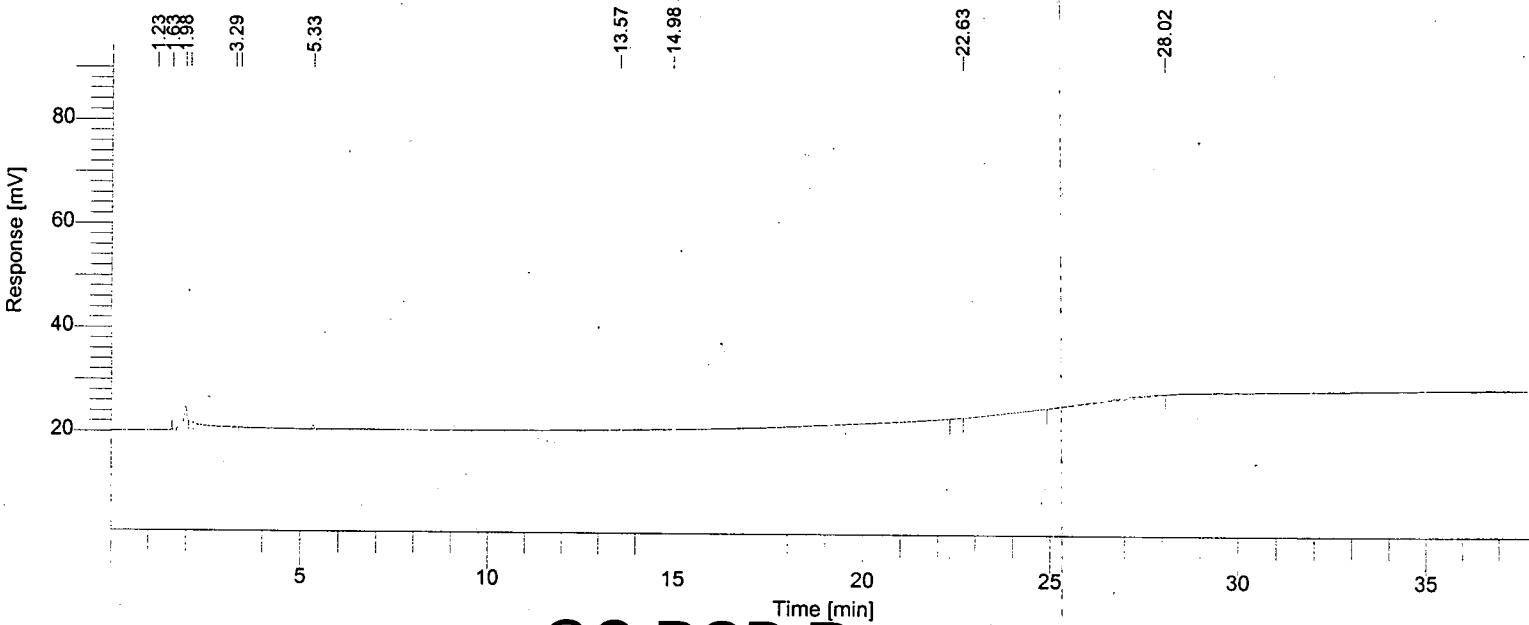
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 33 | 17.66 | Aroclor 1254-1 | 129671 | 0.2077 |
| 36 | 18.46 | Aroclor 1254-2 | 185047 | 0.2043 |
| 43 | 19.79 | Aroclor 1254-3 | 194498 | 0.2122 |
| 47 | 20.70 | Aroclor 1254-4 | 208961 | 0.2106 |
| 56 | 22.47 | Aroclor 1254-5 | 167884 | 0.2088 |

265

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 001
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/29/98 17:34:18 PM

Date : 05/22/98 08:45:08 AM
 Sample Name : HEXANE
 Study : 8082 CCV
 Rack/Vial : 1/1
 Channel : B
 A/D mV Range : 1000
 End Time : 37.97 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_001.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_001.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_001.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

No peaks available to report

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 10.66 | Aroclor 1016-1 | 0 | 0.0000 |
| 0 | 12.23 | Aroclor 1016-2 | 0 | 0.0000 |
| 0 | 13.71 | Aroclor 1016-3 | 0 | 0.0000 |
| 0 | 14.24 | Aroclor 1016-4 | 0 | 0.0000 |
| 0 | 14.69 | Aroclor 1016-5 | 0 | 0.0000 |

05/22/98 08:45:08 AM Result:

\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_001.rst

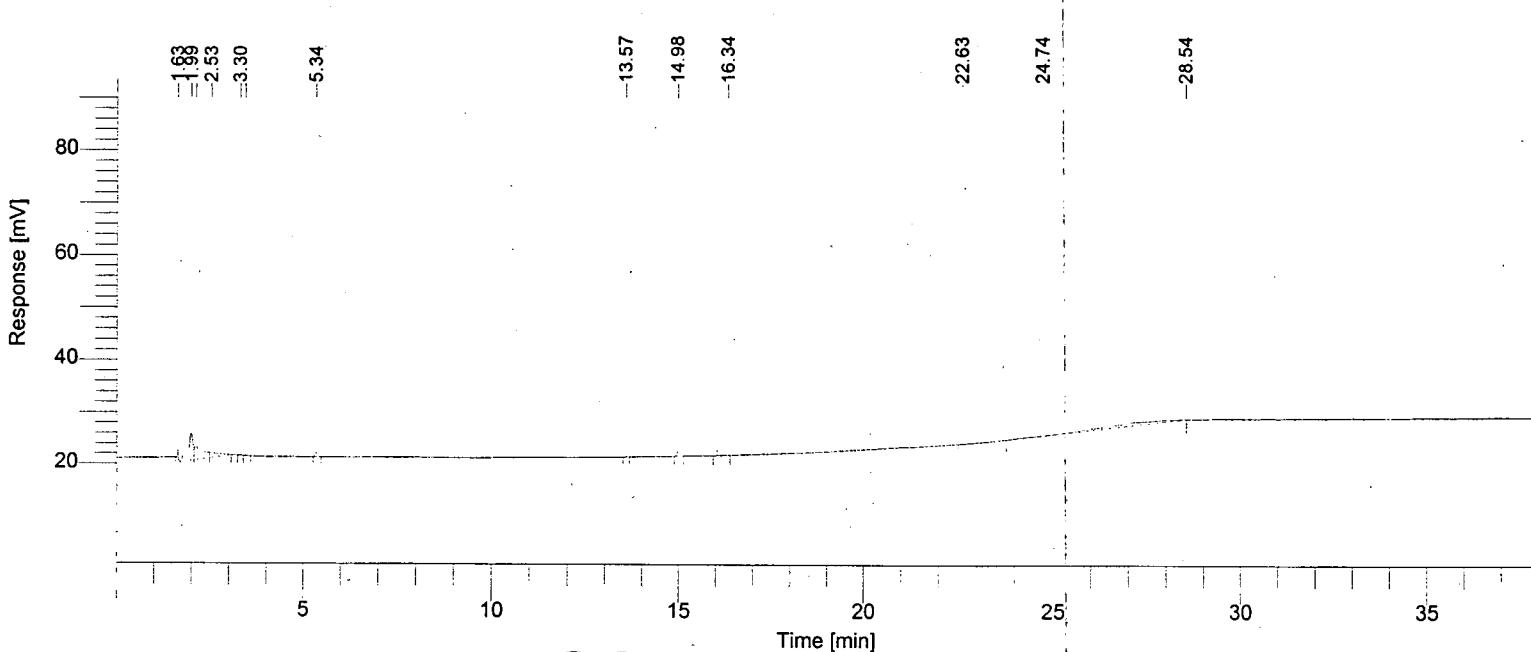
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 20.33 | Aroclor 1260-1 | 0 | 0.0000 |
| 0 | 20.80 | Aroclor 1260-2 | 0 | 0.0000 |
| 0 | 22.23 | Aroclor 1260-3 | 0 | 0.0000 |
| 0 | 23.62 | Aroclor 1260-4 | 0 | 0.0000 |
| 0 | 24.24 | Aroclor 1260-5 | 0 | 0.0000 |

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 002
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/29/98 18:16:49 PM

Date : 05/22/98 08:45:13 AM
 Sample Name : HEXANE
 Study : 8082 CCV
 Rack/Vial : 1/2
 Channel : B
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320\1b_0429_002.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320\1b_0429_002.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320\1b_0429_002.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

No peaks available to report

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 10.66 | Aroclor 1016-1 | 0 | 0.0000 |
| 0 | 12.23 | Aroclor 1016-2 | 0 | 0.0000 |
| 0 | 13.71 | Aroclor 1016-3 | 0 | 0.0000 |
| 0 | 14.24 | Aroclor 1016-4 | 0 | 0.0000 |
| 0 | 14.69 | Aroclor 1016-5 | 0 | 0.0000 |

268

05/22/98 08:45:13 AM Result:

\gcsrv1\TCData\hp68901\april\980429320\1b_0429_002.rst

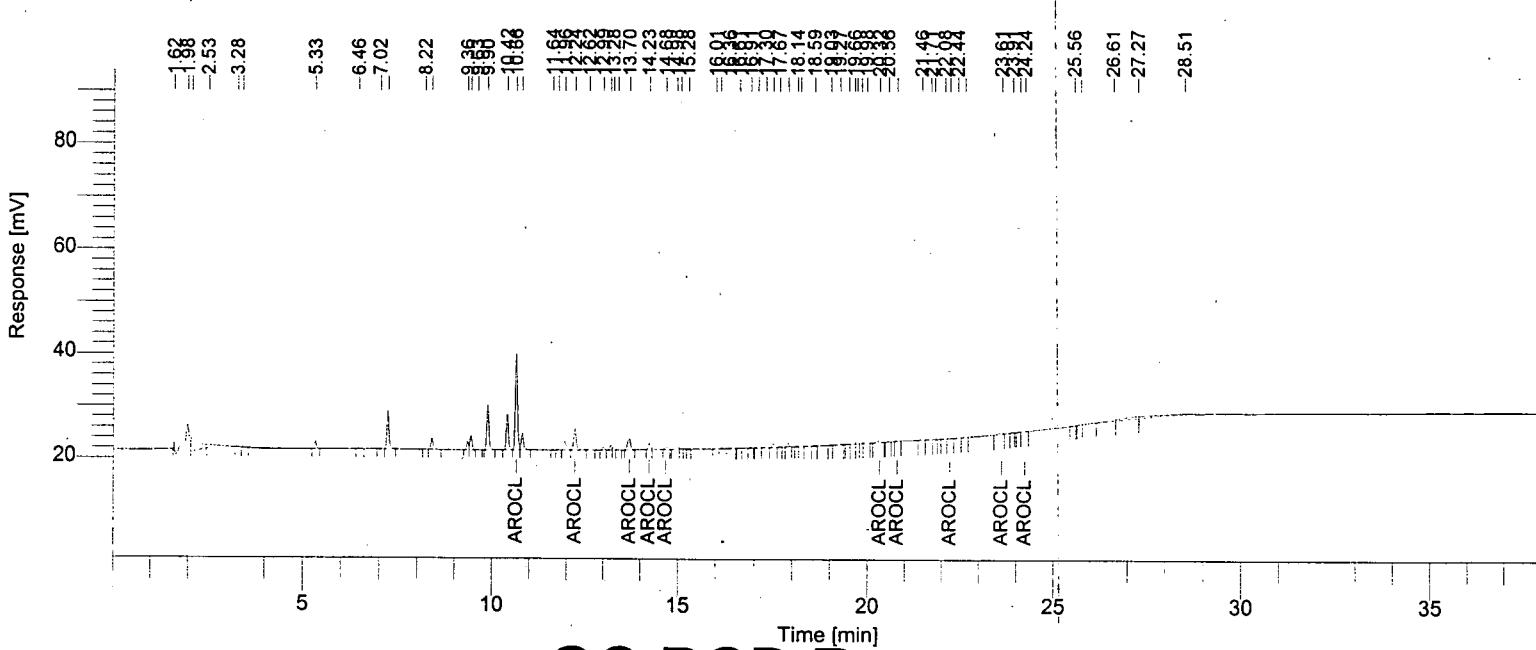
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 20.33 | Aroclor 1260-1 | 0 | 0.0000 |
| 0 | 20.80 | Aroclor 1260-2 | 0 | 0.0000 |
| 0 | 22.23 | Aroclor 1260-3 | 0 | 0.0000 |
| 0 | 23.62 | Aroclor 1260-4 | 0 | 0.0000 |
| 0 | 24.24 | Aroclor 1260-5 | 0 | 0.0000 |

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 003
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/29/98 18:59:16 PM

| | |
|-----------------|------------------------|
| Date | : 05/22/98 08:45:18 AM |
| Sample Name | : AR1221M |
| Study | : 8082 ICAL |
| Rack/Vial | : 1/3 |
| Channel | : B |
| A/D mV Range | : 1000 |
| End Time | : 37.94 min |
| Area Reject | : 100.000000 |
| Dilution Factor | : 1.00 |
| Cycle | : 3 |

Raw Data File : \\gcsrv1\TCDData\hp68901\april\980429320r\1b_0429_003.raw
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 \\gcsrv1\TCDData\hp68901\april\980429320r\1b_0429_003.rst
 Proc Method : \\gcsrv1\TCDData\hp68901\methods\681b_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCDData\hp68901\methods\681b_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCDData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 10.66 | AR1016 | | 113288 | 0.0368 |
| 20.32 | AR1260 | | 10291 | 0.0023 |

270

05/22/98 08:45:18 AM Result:

\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_003.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 18 | 10.66 | Aroclor 1016-1 | 74067 | 0.2400 |
| 23 | 12.24 | Aroclor 1016-2 | 20336 | 0.0297 |
| 29 | 13.70 | Aroclor 1016-3 | 12111 | 0.0097 |
| 30 | 14.23 | Aroclor 1016-4 | 3754 | 0.0075 |
| 31 | 14.68 | Aroclor 1016-5 | 3020 | 0.0089 |

Group Report For : AR1260

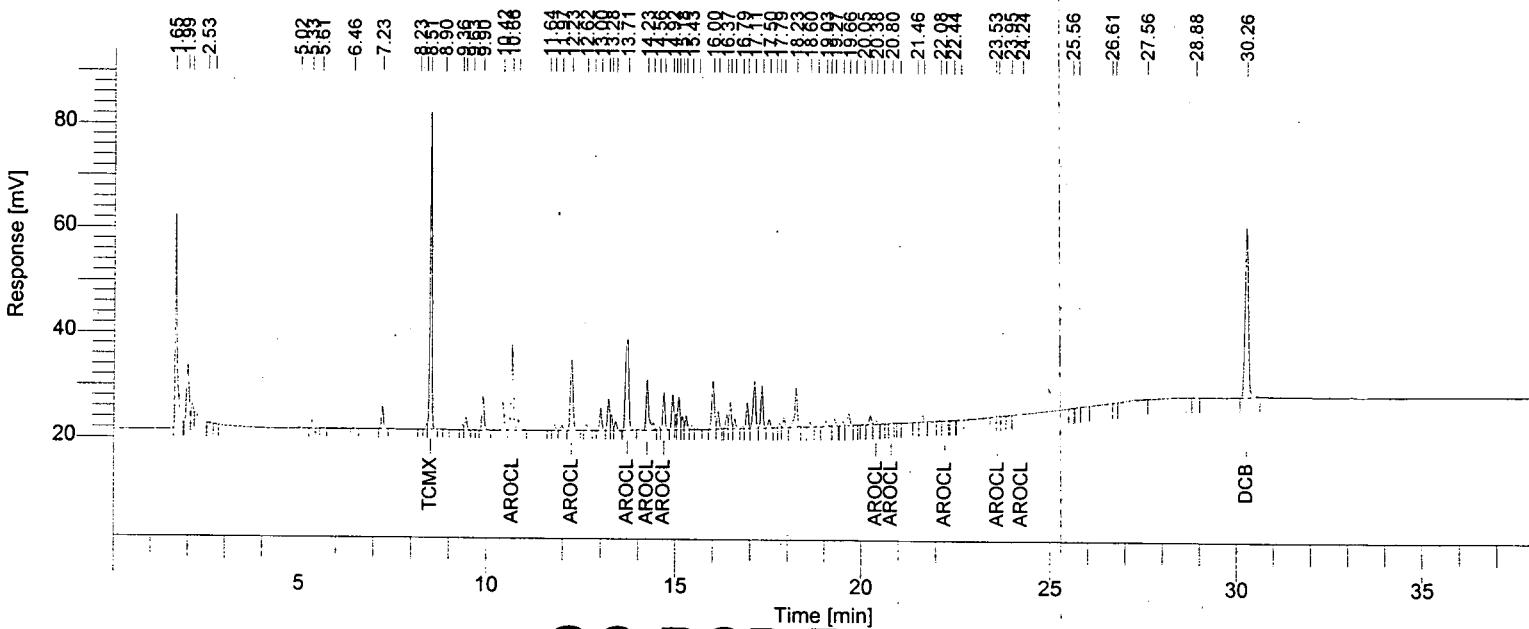
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 56 | 20.32 | Aroclor 1260-1 | 3755 | 0.0043 |
| 58 | 20.79 | Aroclor 1260-2 | 2194 | 0.0023 |
| 63 | 22.22 | Aroclor 1260-3 | 1596 | 0.0021 |
| 66 | 23.61 | Aroclor 1260-4 | 1623 | 0.0025 |
| 69 | 24.24 | Aroclor 1260-5 | 1123 | 0.0010 |

271

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKI B
 Sample Number : 004
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/29/98 19:41:45 PM

Date : 05/22/98 08:45:24 AM
 Sample Name : AR1232M
 Study : 8082 ICAL
 Rack/Vial : 1/4
 Channel : B
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 4

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_004.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_004.rst
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 \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_004.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 13 | 8.51 | TCMX | 215411 | 0.0186 |
| | 13.71 | AR1016 | 311890 | 0.1013 |
| | 20.38 | AR1260 | 8511 | 0.0019 |
| 88 | 30.26 | DCB | 200375 | 0.0179 |

272

05/22/98 08:45:24 AM Result:

\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_004.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 20 | 10.66 | Aroclor 1016-1 | 65210 | 0.2113 |
| 25 | 12.23 | Aroclor 1016-2 | 65522 | 0.0956 |
| 32 | 13.71 | Aroclor 1016-3 | 108545 | 0.0870 |
| 33 | 14.23 | Aroclor 1016-4 | 43846 | 0.0880 |
| 36 | 14.68 | Aroclor 1016-5 | 28767 | 0.0851 |

Group Report For : AR1260

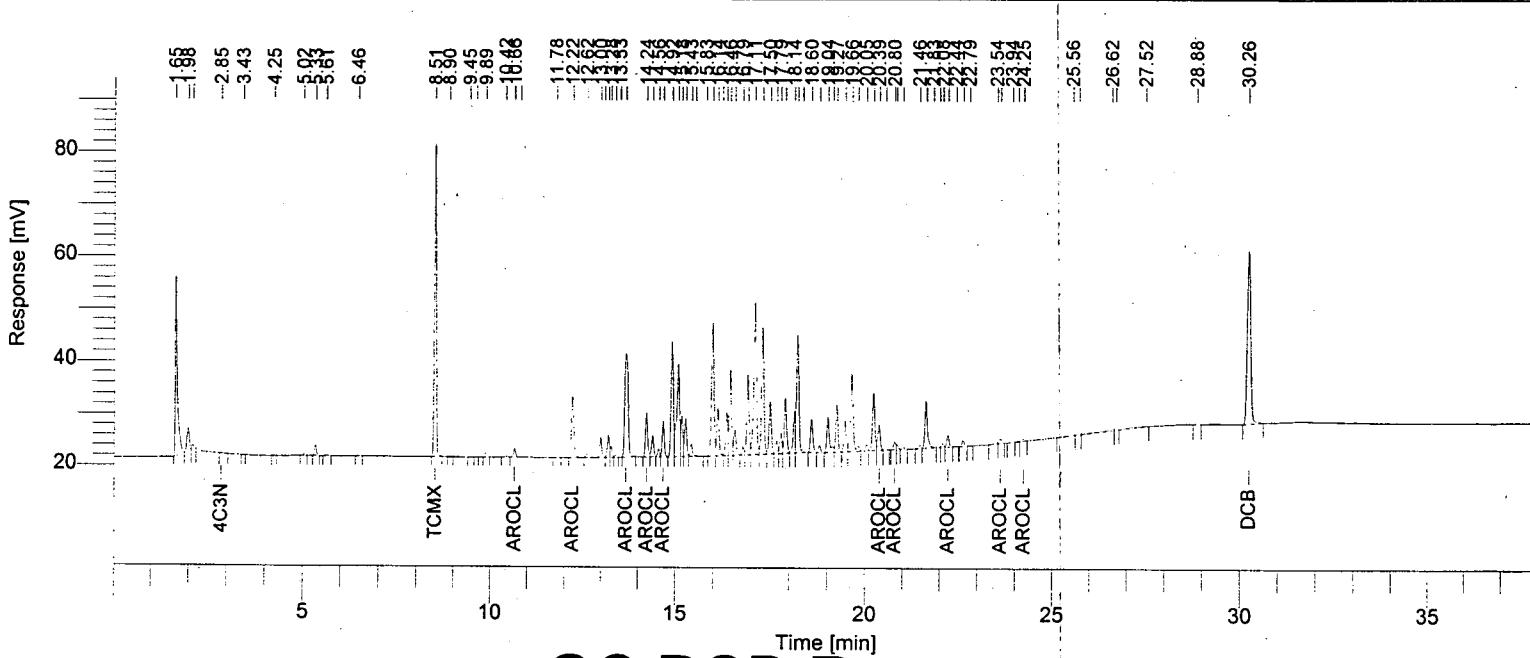
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 68 | 20.38 | Aroclor 1260-1 | 4150 | 0.0048 |
| 70 | 20.80 | Aroclor 1260-2 | 948 | 0.0010 |
| 75 | 22.22 | Aroclor 1260-3 | 1391 | 0.0018 |
| 79 | 23.62 | Aroclor 1260-4 | 844 | 0.0013 |
| 81 | 24.24 | Aroclor 1260-5 | 1179 | 0.0010 |

273

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKI B
 Sample Number : 005
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 04/29/98 20:24:20 PM

Date : 05/22/98 08:45:30 AM
 Sample Name : AR1248M
 Study : 8082 ICAL
 Rack/Vial : 1/5
 Channel : B
 A/D mV Range : 1000
 End Time : 37.99 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 5

Raw Data File : \\gcsrv1\TCDData\hp68901\april\980429320r\1b_0429_005.raw
 Result File : \\gcsrv1\TCDData\hp68901\april\980429320r\1b_0429_005.rst
 Inst Method : \\gcsrv1\TCDData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCDData\hp68901\april\980429320r\1b_0429_005.rst
 Proc Method : \\gcsrv1\TCDData\hp68901\methods\681b_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCDData\hp68901\methods\681b_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCDData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2uL Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 4 | 2.85 | 4C3N | 394 | 0.0001 |
| 11 | 8.51 | TCMX | 213217 | 0.0184 |
| | 13.68 | AR1016 | 250205 | 0.0813 |
| | 20.39 | AR1260 | 46247 | 0.0106 |
| 92 | 30.26 | DCB | 205804 | 0.0183 |

05/22/98 08:45:30 AM Result:

\gcsrv1\TCData\hp68901\april\980429320\1b_0429_005.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 17 | 10.66 | Aroclor 1016-1 | 6354 | 0.0206 |
| 20 | 12.22 | Aroclor 1016-2 | 53928 | 0.0787 |
| 28 | 13.68 | Aroclor 1016-3 | 126895 | 0.1017 |
| 29 | 14.24 | Aroclor 1016-4 | 35912 | 0.0720 |
| 32 | 14.68 | Aroclor 1016-5 | 27115 | 0.0802 |

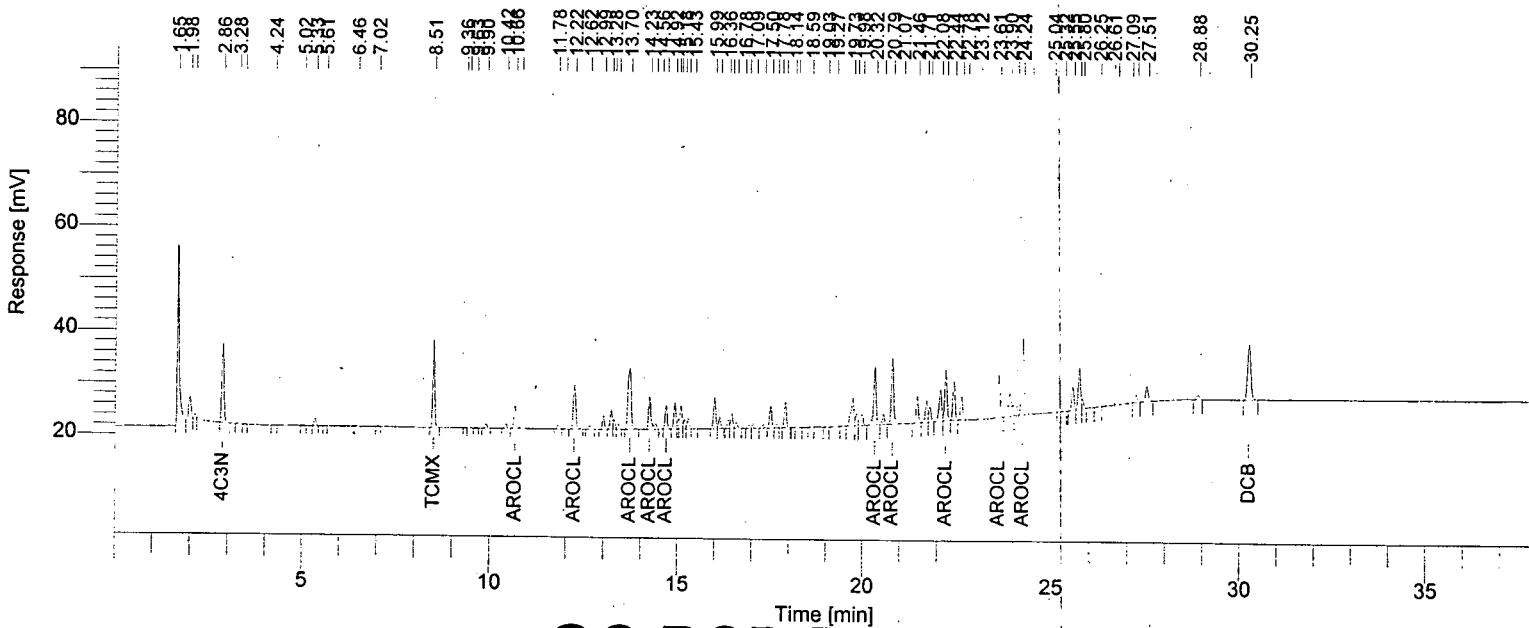
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 67 | 20.39 | Aroclor 1260-1 | 24419 | 0.0282 |
| 69 | 20.80 | Aroclor 1260-2 | 6229 | 0.0065 |
| 77 | 22.22 | Aroclor 1260-3 | 10014 | 0.0132 |
| 82 | 23.63 | Aroclor 1260-4 | 3757 | 0.0059 |
| 85 | 24.25 | Aroclor 1260-5 | 1827 | 0.0016 |

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 006
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/29/98 21:06:53 PM

Date : 05/22/98 08:45:36 AM
 Sample Name : AR1660L
 Study : 8082 ICAL
 Rack/Vial : 1/6
 Channel : B
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 6

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_006.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_006.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_006.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



05/22/98 08:45:36 AM Result:
\\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_006.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 19 | 10.66 | Aroclor 1016-1 | 17667 | 0.0572 |
| 23 | 12.22 | Aroclor 1016-2 | 40673 | 0.0593 |
| 29 | 13.70 | Aroclor 1016-3 | 72736 | 0.0583 |
| 30 | 14.23 | Aroclor 1016-4 | 28459 | 0.0571 |
| 33 | 14.68 | Aroclor 1016-5 | 18162 | 0.0537 |

Group Report For : AR1260

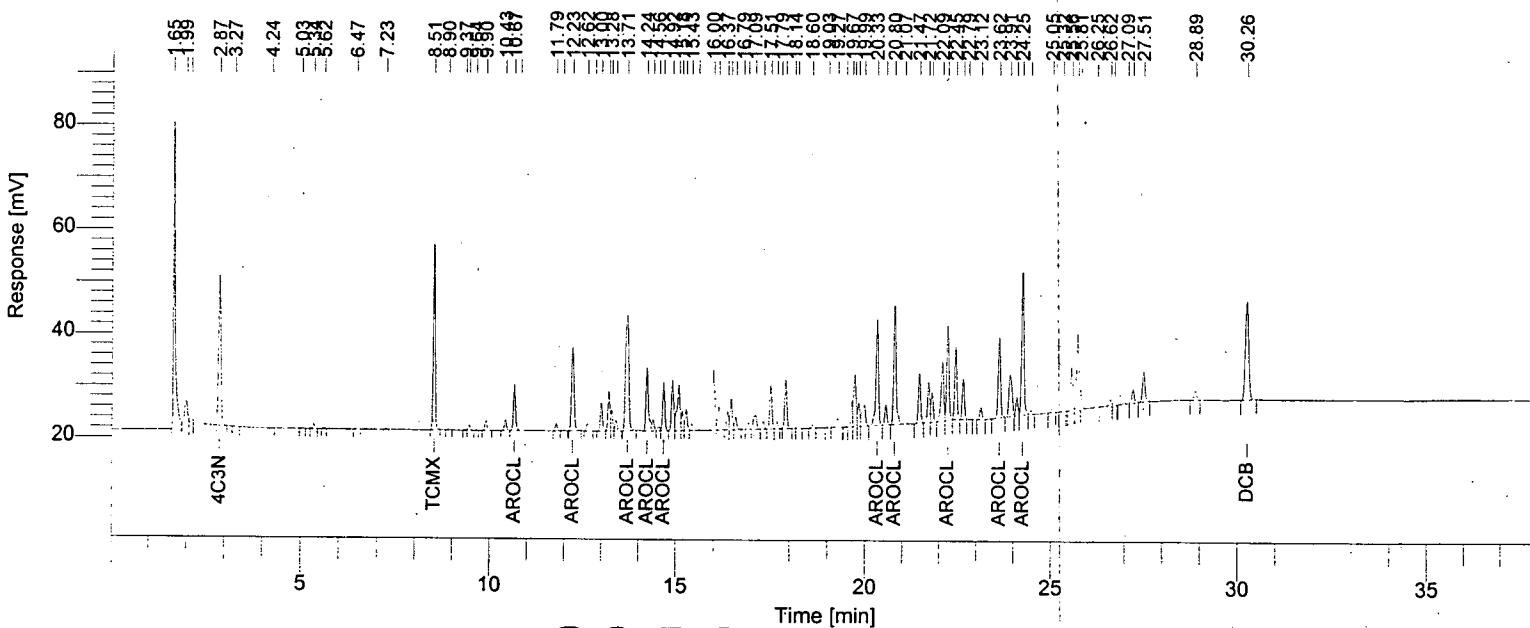
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 61 | 20.32 | Aroclor 1260-1 | 51796 | 0.0598 |
| 63 | 20.79 | Aroclor 1260-2 | 57096 | 0.0600 |
| 69 | 22.22 | Aroclor 1260-3 | 42453 | 0.0562 |
| 74 | 23.61 | Aroclor 1260-4 | 36651 | 0.0574 |
| 77 | 24.24 | Aroclor 1260-5 | 64816 | 0.0553 |

277

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKI B
 Sample Number : 007
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/29/98 21:49:28 PM

Date : 05/22/98 08:45:42 AM
 Sample Name : AR1660ML
 Study : 8082 ICAL
 Rack/Vial : 1/7
 Channel : B
 A/D mV Range : 1000
 End Time : 37.95 min
 Area Reject : 100.000000
 Dilution Factor : 1:00
 Cycle : 7

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_007.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_007.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
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 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 4 | 2.87 | 4C3N | 123841 | 0.0237 |
| 12 | 8.51 | TCMX | 125484 | 0.0108 |
| | 13.71 | AR1016 | 345168 | 0.1121 |
| | 24.25 | AR1260 | 470709 | 0.1074 |
| 94 | 30.26 | DCB- | 117329 | 0.0105 |

270

05/22/98 08:45:42 AM Result:

\gcsrv1\TCDATA\hp68901\april\980429320\r1b_0429_007.rst

Group Report For : AR1016

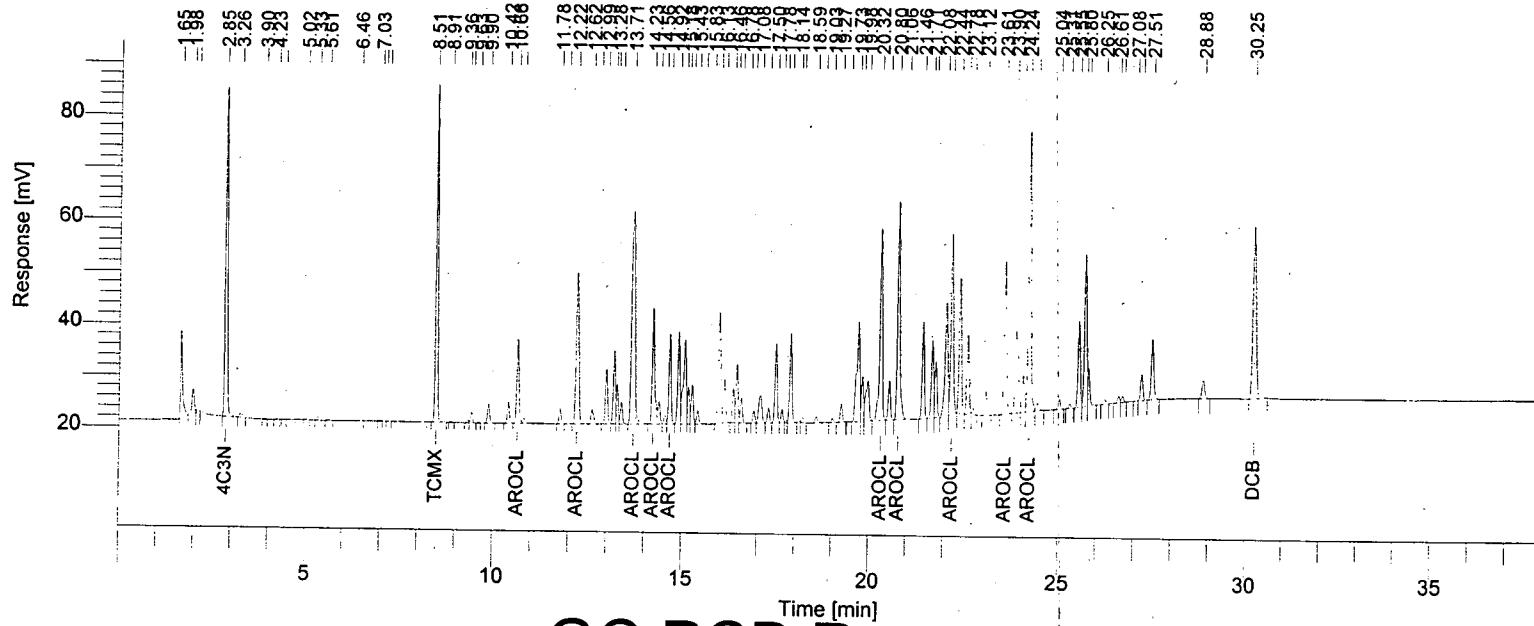
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 19 | 10.67 | Aroclor 1016-1 | 35047 | 0.1136 |
| 23 | 12.23 | Aroclor 1016-2 | 78095 | 0.1139 |
| 30 | 13.71 | Aroclor 1016-3 | 139876 | 0.1121 |
| 31 | 14.24 | Aroclor 1016-4 | 55141 | 0.1106 |
| 34 | 14.69 | Aroclor 1016-5 | 37009 | 0.1095 |

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 64 | 20.33 | Aroclor 1260-1 | 96030 | 0.1110 |
| 66 | 20.80 | Aroclor 1260-2 | 104868 | 0.1102 |
| 72 | 22.23 | Aroclor 1260-3 | 80025 | 0.1059 |
| 77 | 23.62 | Aroclor 1260-4 | 67842 | 0.1062 |
| 80 | 24.25 | Aroclor 1260-5 | 121945 | 0.1041 |

| | | | |
|-----------------------|------------------------|-----------------|------------------------|
| Software Version | : 6.0.2:G11 | Date | : 05/22/98 08:45:48 AM |
| Operator | : LEWANDOWSKIB | Sample Name | : AR1660M |
| Sample Number | : 008 | Study | : 8082 ICAL |
| AutoSampler | : BUILT-IN | Rack/Vial | : 1/8 |
| Instrument Name | : HP68901 | Channel | : B |
| Instrument Serial # | : NONE | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 37.94 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 ul | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 04/29/98 22:31:59 PM | Cycle | : 8 |

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320R\1b_0429_008.raw
Result File : \\gcsrv1\TCData\hp68901\april\980429320R\1b_0429_008.rst
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
\\gcsrv1\TCData\hp68901\april\980429320R\1b_0429_008.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 4 | 2.85 | 4C3N | 256463 | 0.0490 |
| 16 | 8.51 | TCMX | 231019 | 0.0199 |
| | 13.71 | AR1016 | 650329 | 0.2112 |
| | 24.24 | AR1260 | 903814 | 0.2062 |
| 99 | 30.25 | DCB | 205231 | 0.0183 |

280

05/22/98 08:45:48 AM Result:

\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_008.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 23 | 10.66 | Aroclor 1016-1 | 65595 | 0.2125 |
| 27 | 12.22 | Aroclor 1016-2 | 145532 | 0.2123 |
| 34 | 13.71 | Aroclor 1016-3 | 263690 | 0.2113 |
| 35 | 14.23 | Aroclor 1016-4 | 103986 | 0.2086 |
| 38 | 14.68 | Aroclor 1016-5 | 71526 | 0.2116 |

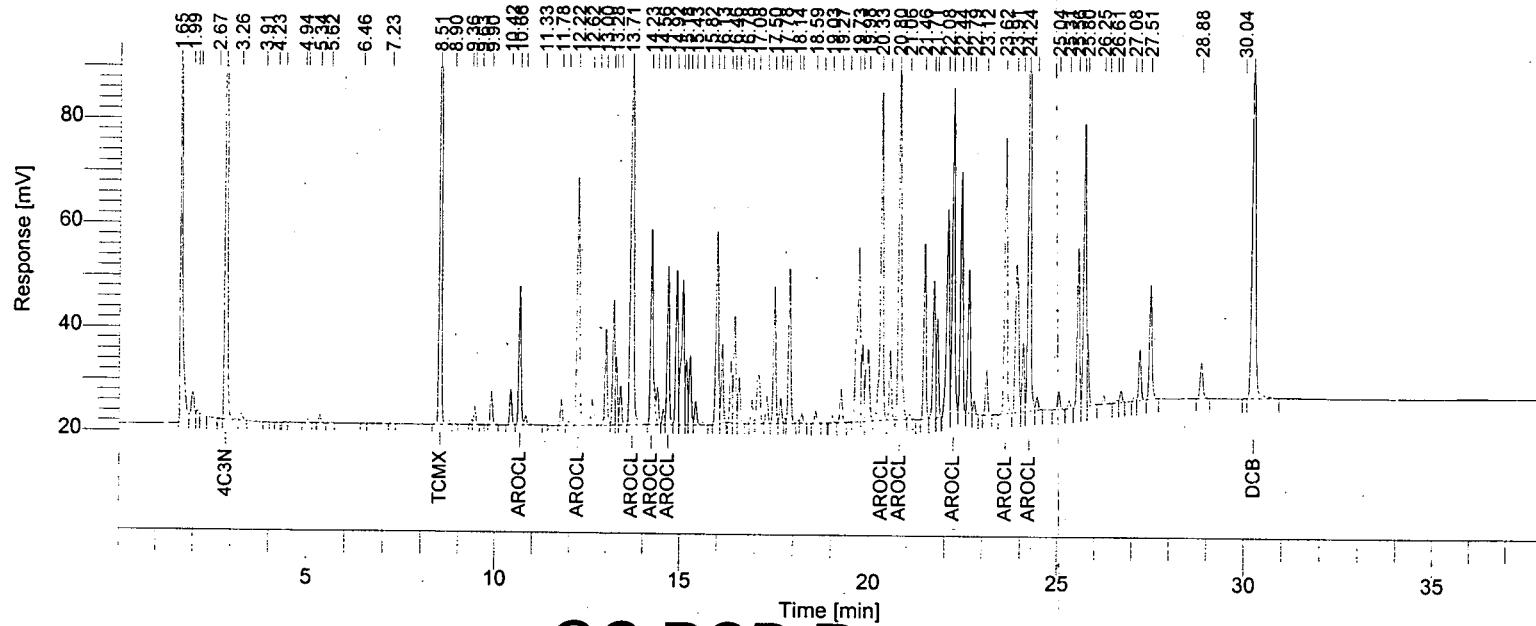
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 69 | 20.32 | Aroclor 1260-1 | 178737 | 0.2065 |
| 71 | 20.80 | Aroclor 1260-2 | 195961 | 0.2060 |
| 77 | 22.22 | Aroclor 1260-3 | 155056 | 0.2051 |
| 82 | 23.61 | Aroclor 1260-4 | 131274 | 0.2055 |
| 85 | 24.24 | Aroclor 1260-5 | 242786 | 0.2072 |

281

| | | | | | |
|-----------------------|---|----------------------|-----------------|---|----------------------|
| Software Version | : | 6.0.2:G11 | Date | : | 05/22/98 08:45:52 AM |
| Operator | : | LEWANDOWSKI B | Sample Name | : | AR1660MH |
| Sample Number | : | 009 | Study | : | 8082 ICAL |
| AutoSampler | : | BUILT-IN | Rack/Vial | : | 1/9 |
| Instrument Name | : | HP68901 | Channel | : | B |
| Instrument Serial # | : | NONE | A/D mV Range | : | 1000 |
| Delay Time | : | 0.00 min | End Time | : | 38.00 min |
| Sampling Rate | : | 5.0000 pts/s | | | |
| Volume Injected | : | 1.000000 ul | Area Reject | : | 100.000000 |
| Sample Amount | : | 1.0000 | Dilution Factor | : | 1.00 |
| Data Acquisition Time | : | 04/29/98 23:14:40 PM | Cycle | : | 9 |

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320R\1b_0429_009.raw
Result File : \\gcsrv1\TCData\hp68901\april\980429320R\1b_0429_009.rst
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
\\gcsrv1\TCData\hp68901\april\980429320R\1b_0429_009.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 6 | 2.86 | 4C3N | 447633 | 0.0856 |
| 17 | 8.51 | TCMX | 460511 | 0.0397 |
| | 13.71 | AR1016 | 1112382 | 0.3613 |
| | 24.24 | AR1260 | 1618160 | 0.3692 |
| 103 | 30.26 | DCB | 440292 | 0.0392 |

282

05/22/98 08:45:52 AM Result:

\gcsrv1\TCData\hp68901\april\980429320\r\1b_0429_009.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 24 | 10.66 | Aroclor 1016-1 | 110804 | 0.3590 |
| 29 | 12.22 | Aroclor 1016-2 | 242709 | 0.3540 |
| 36 | 13.71 | Aroclor 1016-3 | 449584 | 0.3602 |
| 37 | 14.23 | Aroclor 1016-4 | 182031 | 0.3652 |
| 40 | 14.68 | Aroclor 1016-5 | 127255 | 0.3764 |

Group Report For : AR1260

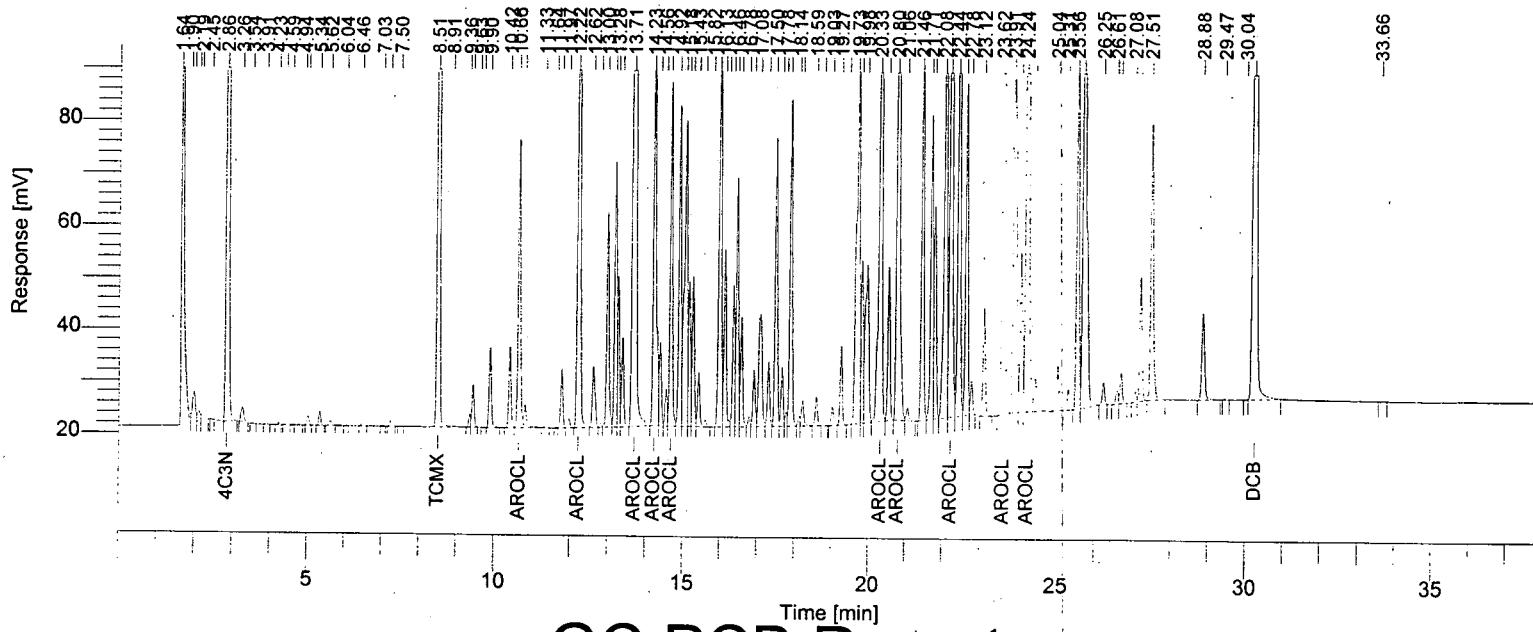
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 71 | 20.33 | Aroclor 1260-1 | 311577 | 0.3600 |
| 73 | 20.80 | Aroclor 1260-2 | 342509 | 0.3601 |
| 79 | 22.23 | Aroclor 1260-3 | 280849 | 0.3716 |
| 84 | 23.62 | Aroclor 1260-4 | 238299 | 0.3731 |
| 87 | 24.24 | Aroclor 1260-5 | 444927 | 0.3796 |

283

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 010
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/29/98 23:57:13 PM

Date : 05/22/98 08:45:57 AM
 Sample Name : AR1660H
 Study : 8082 ICAL
 Rack/Vial : 1/10
 Channel : B
 A/D mV Range : 1000
 End Time : 37.99 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 10

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_010.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_010.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
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 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 7 | 2.86 | 4C3N | 813461 | 0.1555 |
| 23 | 8.51 | TCMX | 1066569 | 0.0920 |
| | 13.71 | AR1016 | 2355707 | 0.7651 |
| | 24.24 | AR1260 | 3588852 | 0.8187 |
| 111 | 30.26 | DCB | 1034757 | 0.0922 |

05/22/98 08:45:57 AM Result:

\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_010.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 31 | 10.66 | Aroclor 1016-1 | 234385 | 0.7594 |
| 37 | 12.22 | Aroclor 1016-2 | 498888 | 0.7277 |
| 44 | 13.71 | Aroclor 1016-3 | 944437 | 0.7567 |
| 45 | 14.23 | Aroclor 1016-4 | 396681 | 0.7958 |
| 48 | 14.68 | Aroclor 1016-5 | 281316 | 0.8321 |

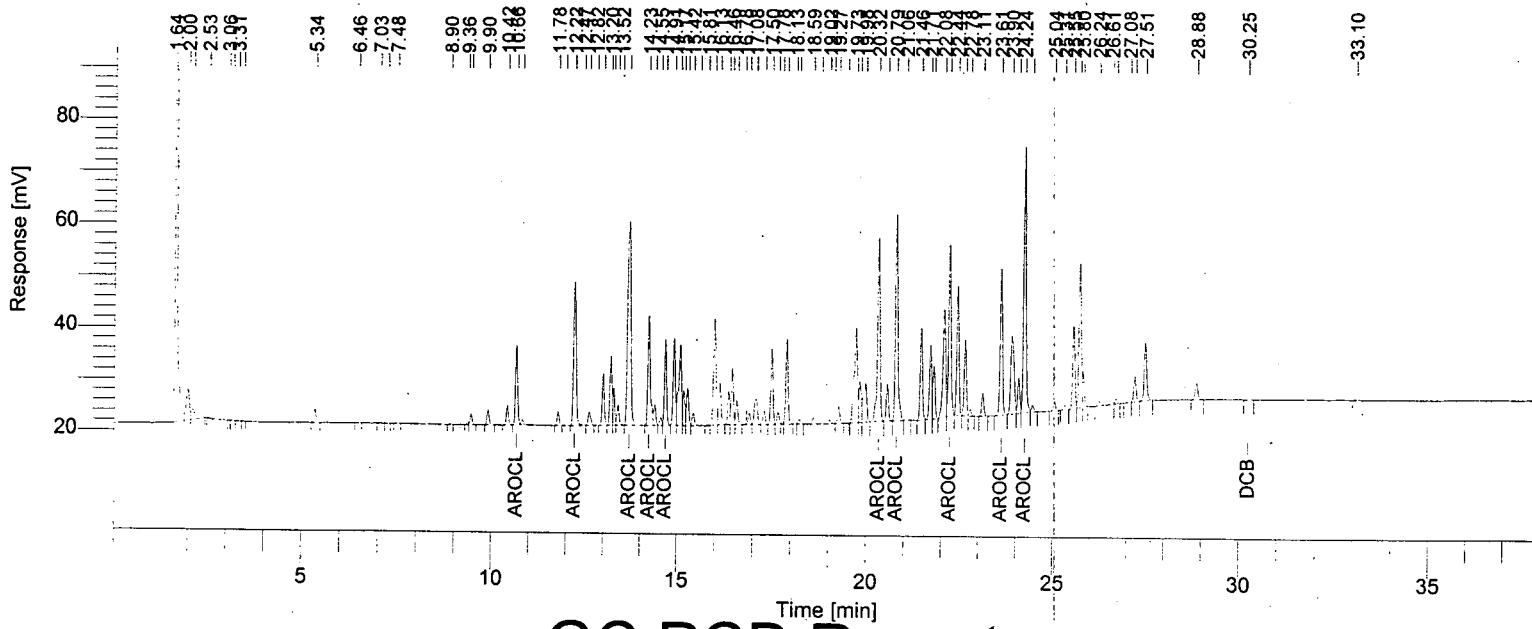
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 80 | 20.33 | Aroclor 1260-1 | 658681 | 0.7610 |
| 82 | 20.80 | Aroclor 1260-2 | 729684 | 0.7671 |
| 88 | 22.22 | Aroclor 1260-3 | 652674 | 0.8635 |
| 93 | 23.62 | Aroclor 1260-4 | 530136 | 0.8300 |
| 96 | 24.24 | Aroclor 1260-5 | 1017677 | 0.8684 |

Software Version : 6.0.2;G11
 Operator : LEWANDOWSKIB
 Sample Number : 011
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 00:39:41 AM

Date : 05/22/98 08:46:02 AM
 Sample Name : AR1660REF
 Study : 8082 ICAL
 Rack/Vial : 1/11
 Channel : B
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 11

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_011.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_011.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_011.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2 μ l Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 98 | 13.70 | AR1016 | 620899 | 0.2017 |
| | 24.24 | AR1260 | 859481 | 0.1961 |
| | 30.25 | DCB | 2146 | 0.0002 |

05/22/98 08:46:02 AM Result:

\gcsrv1\TCDData\hp68901\april\980429320\1b_0429_011.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 19 | 10.66 | Aroclor 1016-1 | 62801 | 0.2035 |
| 23 | 12.22 | Aroclor 1016-2 | 138324 | 0.2018 |
| 32 | 13.70 | Aroclor 1016-3 | 251857 | 0.2018 |
| 33 | 14.23 | Aroclor 1016-4 | 99795 | 0.2002 |
| 36 | 14.68 | Aroclor 1016-5 | 68122 | 0.2015 |

Group Report For : AR1260

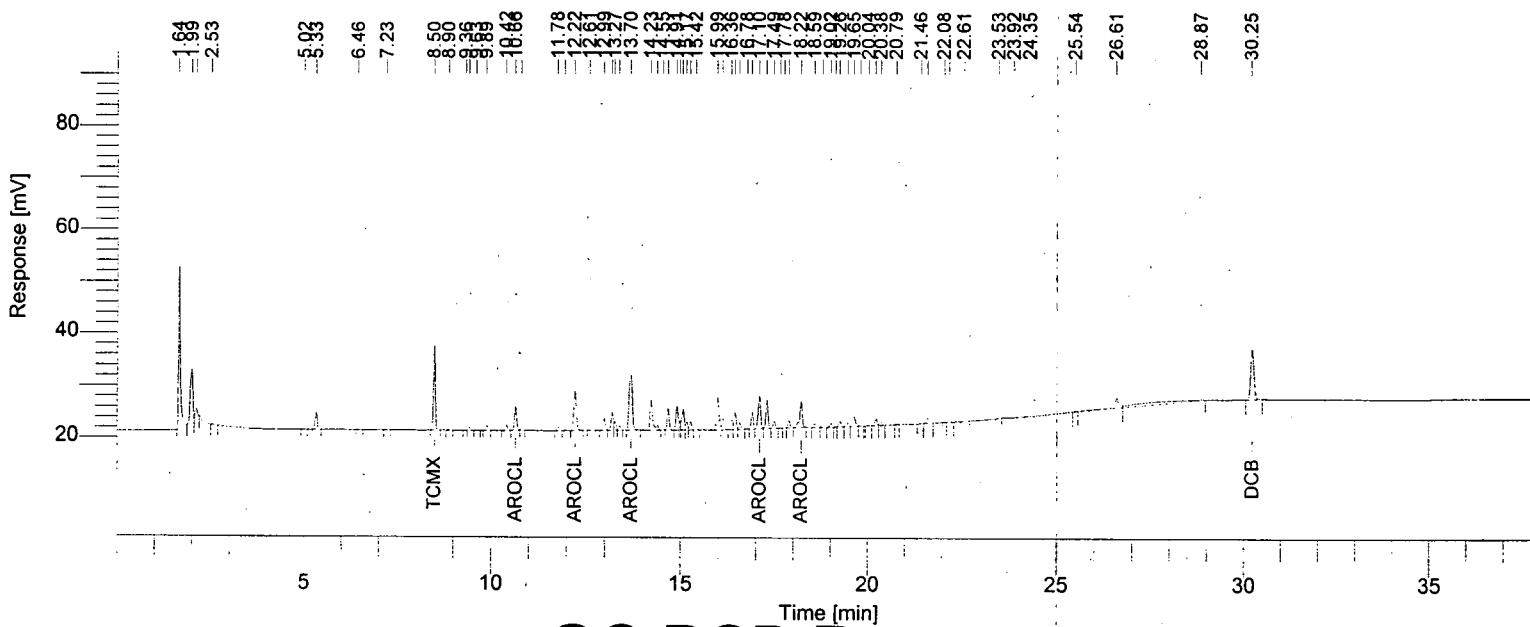
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 68 | 20.32 | Aroclor 1260-1 | 170352 | 0.1968 |
| 70 | 20.79 | Aroclor 1260-2 | 186566 | 0.1961 |
| 76 | 22.22 | Aroclor 1260-3 | 147858 | 0.1956 |
| 81 | 23.61 | Aroclor 1260-4 | 125819 | 0.1970 |
| 84 | 24.24 | Aroclor 1260-5 | 228886 | 0.1953 |

287

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 012
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 01:22:08 AM

Date : 05/22/98 08:46:06 AM
 Sample Name : AR1242L
 Study : 8082 ICAL
 Rack/Vial : 1/12
 Channel : B
 A/D mV Range : 1000
 End Time : 37.94 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 12

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_012.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_012.rst
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 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1242_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1242_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 9 | 8.50 | TCMX | 56072 | 0.0051 |
| | 13.70 | AR1242 | 175843 | 0.0593 |
| 74 | 30.25 | DCB | 58420 | 0.0052 |

288

05/22/98 08:46:06 AM Result:

\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_012.rst

Group Report For : AR1242

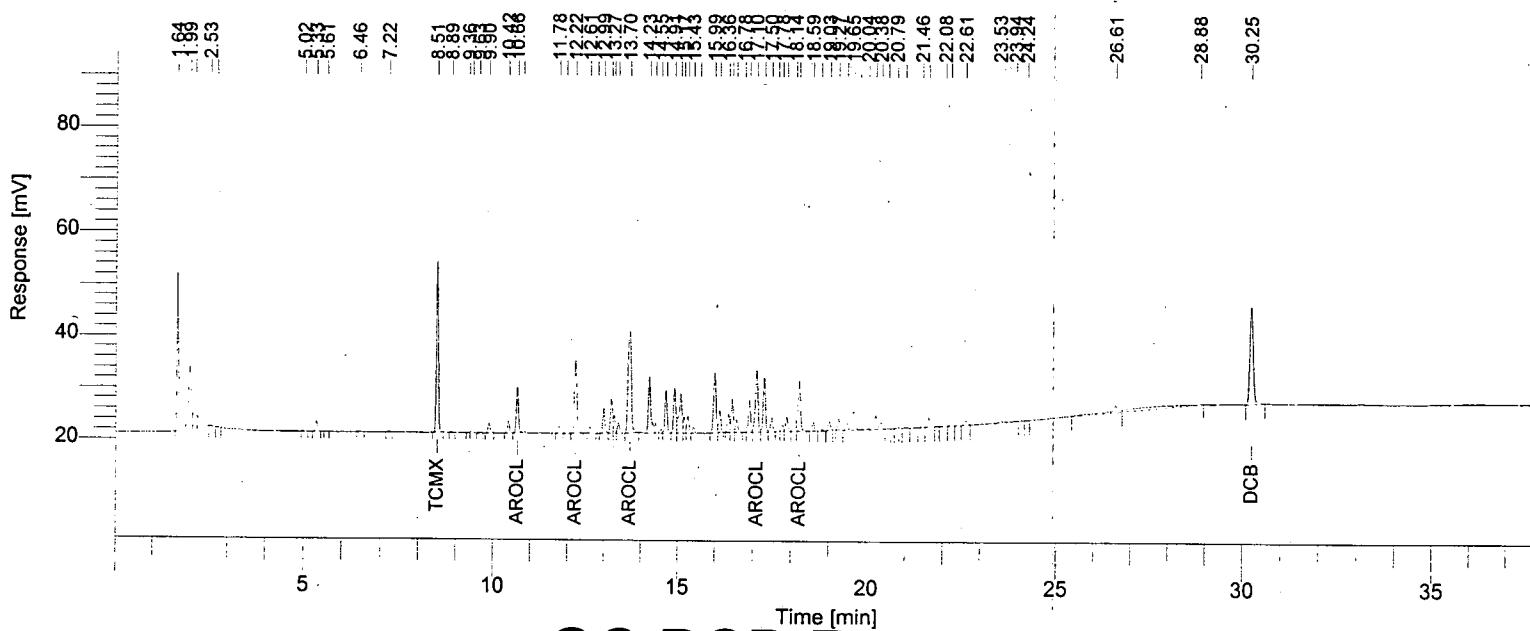
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 16 | 10.66 | Aroclor 1242-1 | 17985 | 0.0587 |
| 20 | 12.22 | Aroclor 1242-2 | 36362 | 0.0608 |
| 26 | 13.70 | Aroclor 1242-3 | 65309 | 0.0593 |
| 44 | 17.10 | Aroclor 1242-4 | 30746 | 0.0585 |
| 50 | 18.22 | Aroclor 1242-5 | 25442 | 0.0588 |

Software Version : 6.0.2;G11
 Operator : LEWANDOWSKI B
 Sample Number : 013
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 02:04:40 AM

Date : 05/22/98 08:46:11 AM
 Sample Name : AR1242ML
 Study : 8082 ICAL
 Rack/Vial : 1/13
 Channel : B
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 13

Raw Data File : \\gcsrv1\TCDATA\hp68901\april\980429320r\1b_0429_013.raw
 Result File : \\gcsrv1\TCDATA\hp68901\april\980429320r\1b_0429_013.rst
 Inst Method : \\gcsrv1\TCDATA\hp68901\methods\6811a_clp.acq from
 \\gcsrv1\TCDATA\hp68901\april\980429320r\1b_0429_013.rst
 Proc Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar1242_0429.mth
 Calib Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar1242_0429.mth
 Sequence File : \\gcsrv1\TCDATA\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 11 | 8.51 | TCMX | 115385 | 0.0105 |
| | 13.70 | AR1242 | 329588 | 0.1112 |
| 79 | 30.25 | DCB | 117702 | 0.0105 |

230

05/22/98 08:46:11 AM Result:

\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_013.rst

Group Report For : AR1242

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 18 | 10.66 | Aroclor 1242-1 | 34610 | 0.1129 |
| 22 | 12.22 | Aroclor 1242-2 | 67759 | 0.1133 |
| 29 | 13.70 | Aroclor 1242-3 | 123527 | 0.1123 |
| 47 | 17.10 | Aroclor 1242-4 | 58681 | 0.1117 |
| 54 | 18.22 | Aroclor 1242-5 | 45011 | 0.1039 |

291

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKI B
 Sample Number : 014
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 μ l
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 02:47:16 AM

Date : 05/22/98 08:46:16 AM
 Sample Name : AR1242M
 Study : 8082 ICAL
 Rack/Vial : 1/14
 Channel : B
 A/D mV Range : 1000
 End Time : 37.94 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 14

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_014.raw

Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_014.rst

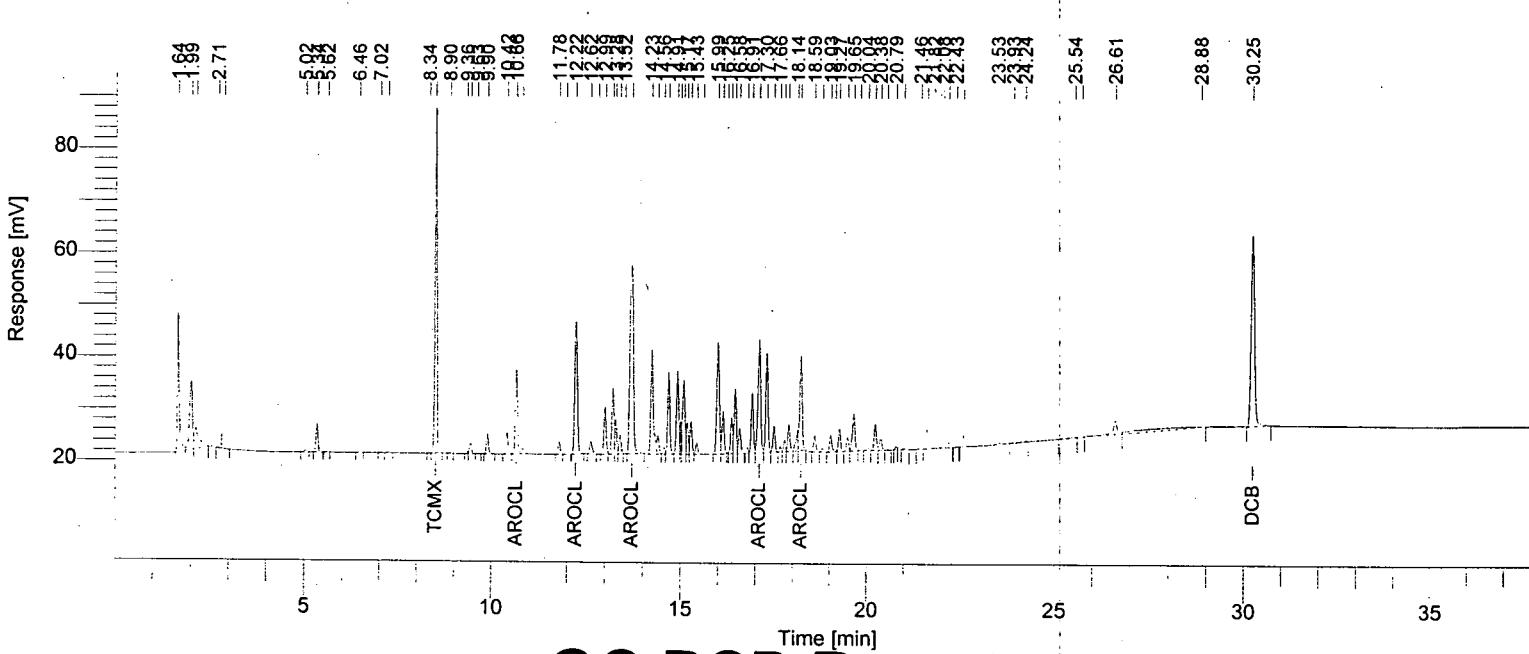
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from

\\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_014.rst

Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1242_0429.mth

Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1242_0429.mth

Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2 μ l Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 13 | 8.51 | TCMX | 239301 | 0.0217 |
| | 13.70 | AR1242 | 612075 | 0.2065 |
| 89 | 30.25 | DCB | 233024 | 0.0208 |

292

05/22/98 08:46:16 AM Result:

\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_014.rst

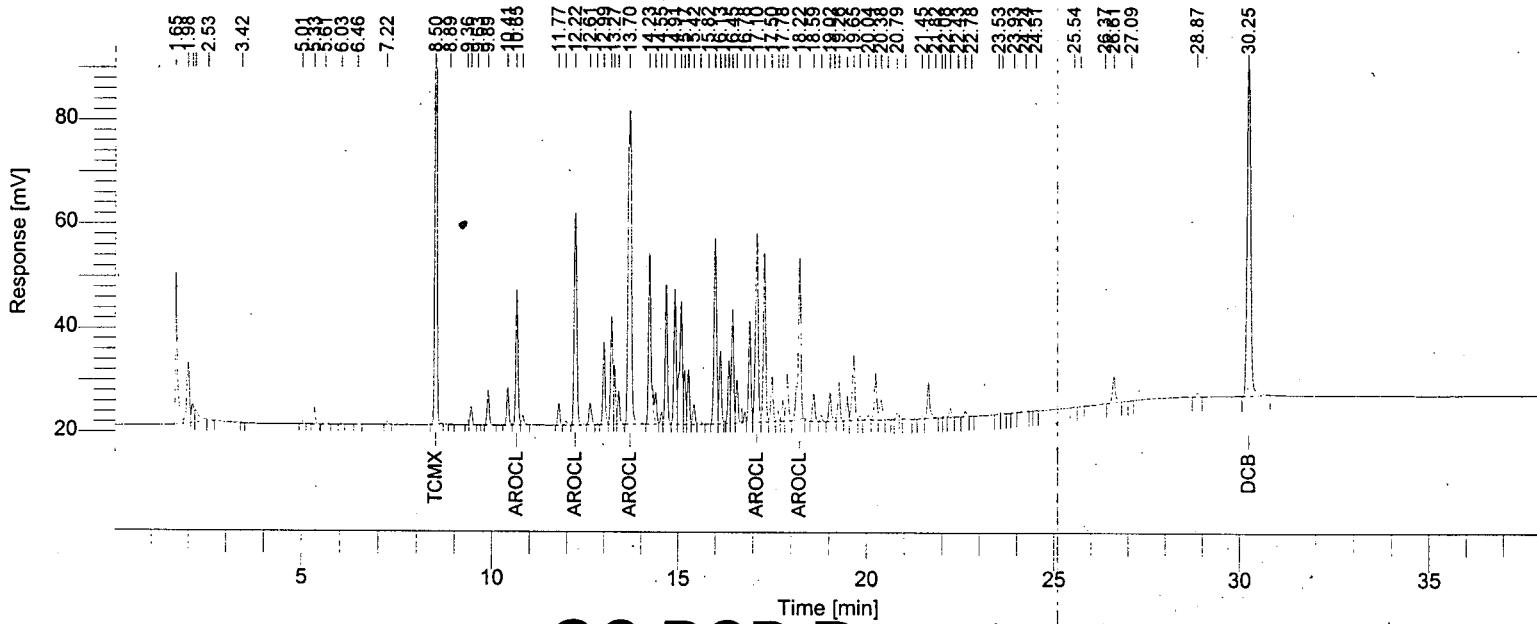
Group Report For : AR1242

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 20 | 10.66 | Aroclor 1242-1 | 65305 | 0.2130 |
| 24 | 12.22 | Aroclor 1242-2 | 125220 | 0.2094 |
| 32 | 13.70 | Aroclor 1242-3 | 229312 | 0.2084 |
| 52 | 17.10 | Aroclor 1242-4 | 109715 | 0.2088 |
| 59 | 18.22 | Aroclor 1242-5 | 82523 | 0.1906 |

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 015
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 03:29:53 AM

Date : 05/22/98 08:46:21 AM
 Sample Name : AR1242MH
 Study : 8082 ICAL
 Rack/Vial : 1/15
 Channel : B
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 15

Raw Data File : \\gcsrv1\TCDATA\hp68901\april\980429320r\1b_0429_015.raw
 Result File : \\gcsrv1\TCDATA\hp68901\april\980429320r\1b_0429_015.rst
 Inst Method : \\gcsrv1\TCDATA\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCDATA\hp68901\april\980429320r\1b_0429_015.rst
 Proc Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar1242_0429.mth
 Calib Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar1242_0429.mth
 Sequence File : \\gcsrv1\TCDATA\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 13 | 8.50 | TCMX | 417148 | 0.0378 |
| | 13.70 | AR1242 | 1048181 | 0.3537 |
| 92 | 30.25 | DCB | 427509 | 0.0382 |

294

05/22/98 08:46:21 AM Result:

\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_015.rst

Group Report For : AR1242

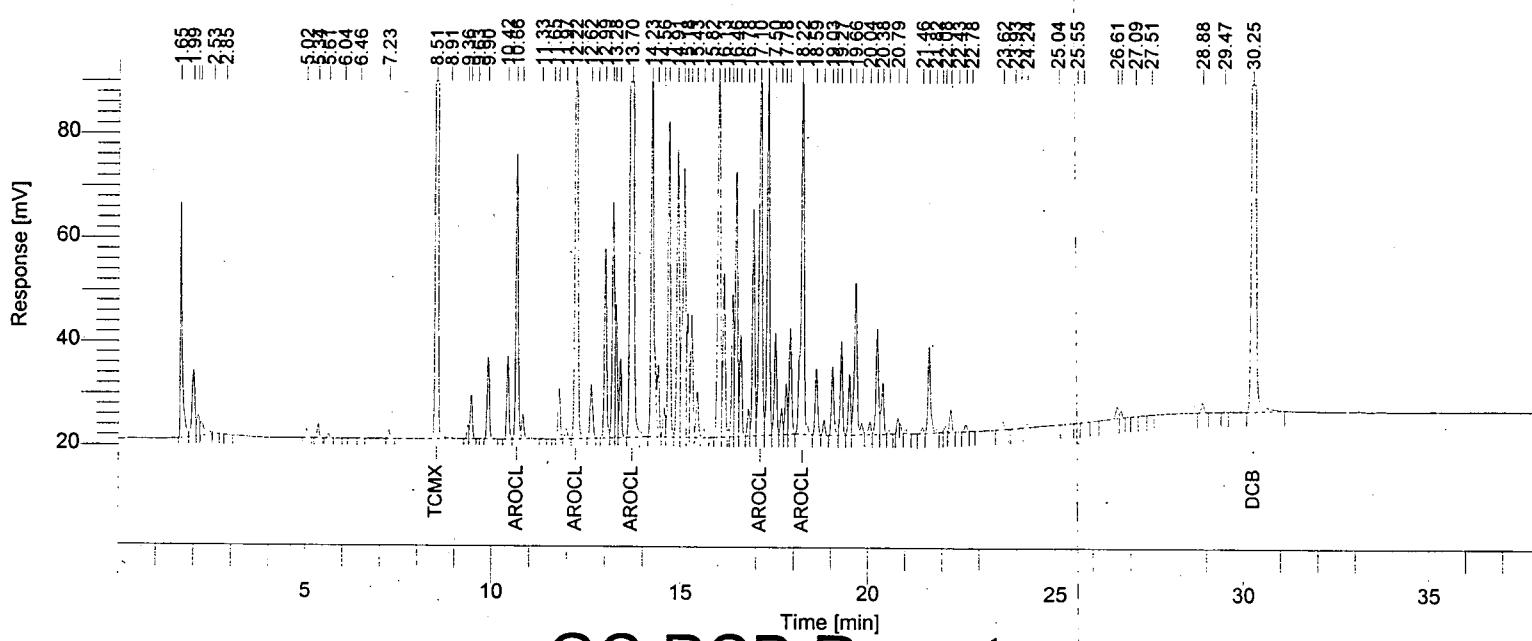
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 20 | 10.65 | Aroclor 1242-1 | 106632 | 0.3478 |
| 24 | 12.22 | Aroclor 1242-2 | 207395 | 0.3468 |
| 31 | 13.70 | Aroclor 1242-3 | 387781 | 0.3524 |
| 51 | 17.10 | Aroclor 1242-4 | 185290 | 0.3527 |
| 57 | 18.22 | Aroclor 1242-5 | 161083 | 0.3720 |

295

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 016
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 04:12:28 AM

Date : 05/22/98 08:46:26 AM
 Sample Name : AR1242H
 Study : 8082 ICAL
 Rack/Vial : 1/16
 Channel : B
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 16

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_016.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_016.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_016.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1242_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1242_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 13 | 8.51 | TCMX | 1002830 | 0.0909 |
| | 13.70 | AR1242 | 2323663 | 0.7841 |
| 96 | 30.25 | DCB | 1010692 | 0.0904 |

296

05/22/98 08:46:26 AM Result:

\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_016.rst

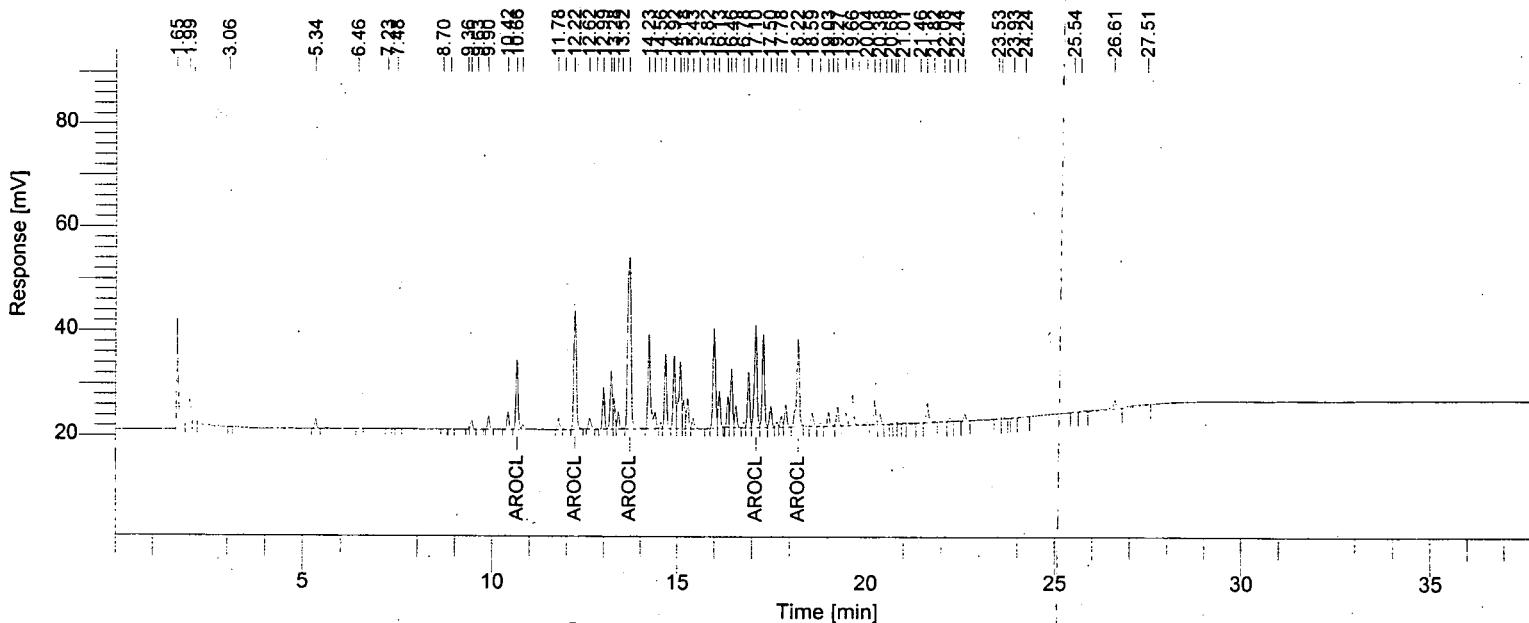
Group Report For : AR1242

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 20 | 10.66 | Aroclor 1242-1 | 234068 | 0.7634 |
| 26 | 12.22 | Aroclor 1242-2 | 440803 | 0.7371 |
| 33 | 13.70 | Aroclor 1242-3 | 844697 | 0.7676 |
| 53 | 17.10 | Aroclor 1242-4 | 413285 | 0.7867 |
| 59 | 18.22 | Aroclor 1242-5 | 390810 | 0.9025 |

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKI B
 Sample Number : 017
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 04:55:08 AM

Date : 05/22/98 08:46:31 AM
 Sample Name : AR1242REF
 Study : 8082 ICAL
 Rack/Vial : 1/17
 Channel : B
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 17

Raw Data File : \\gcsrv1\TCDATA\hp68901\april\980429320\1b_0429_017.raw
 Result File : \\gcsrv1\TCDATA\hp68901\april\980429320\1b_0429_017.rst
 Inst Method : \\gcsrv1\TCDATA\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCDATA\hp68901\april\980429320\1b_0429_017.rst
 Proc Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar1242_0429.mth
 Calib Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar1242_0429.mth
 Sequence File : \\gcsrv1\TCDATA\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 13.71 | AR1242 | | 558061 | 0.1883 |

Group Report For : AR1242

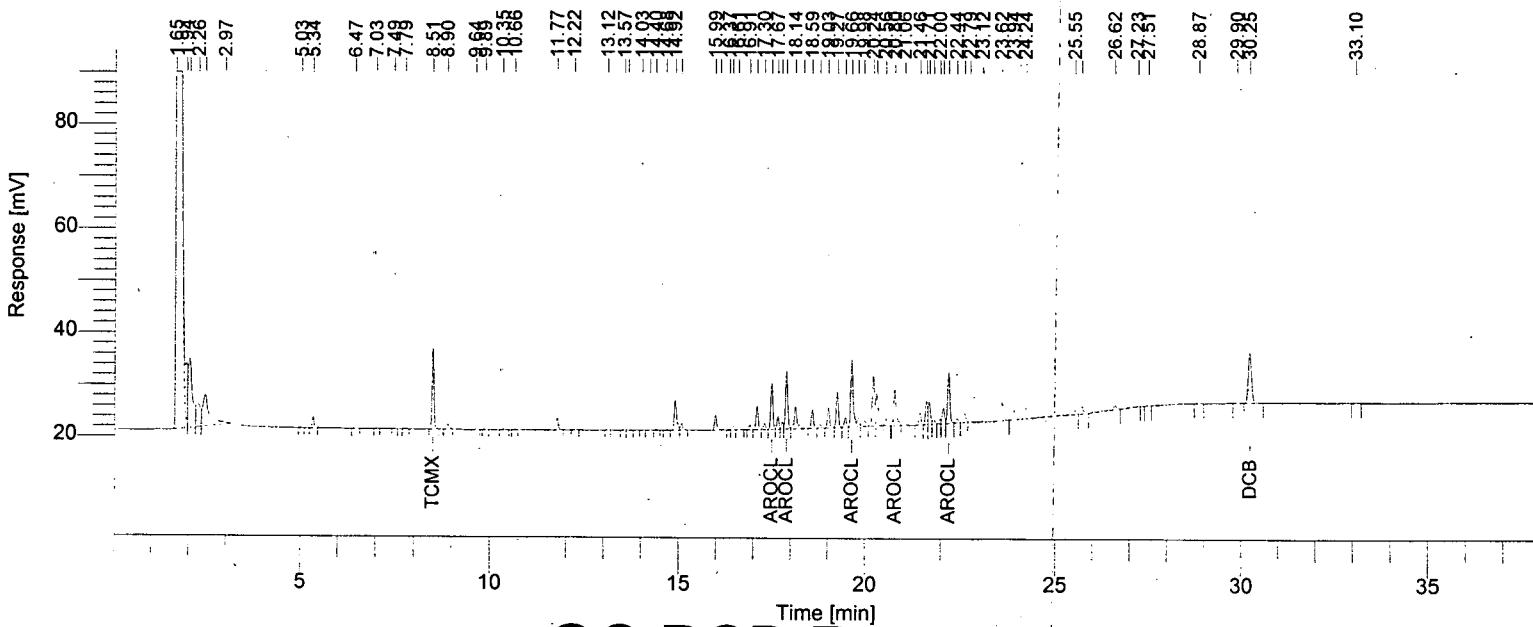
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 16 | 10.66 | Aroclor 1242-1 | 53566 | 0.1747 |
| 20 | 12.22 | Aroclor 1242-2 | 111276 | 0.1861 |
| 28 | 13.71 | Aroclor 1242-3 | 210336 | 0.1911 |
| 47 | 17.10 | Aroclor 1242-4 | 98607 | 0.1877 |
| 53 | 18.22 | Aroclor 1242-5 | 84276 | 0.1946 |

298

Software Version : 6.0.2;G11
 Operator : LEWANDOWSKIB
 Sample Number : 018
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 05:37:44 AM

Date : 05/22/98 08:46:35 AM
 Sample Name : AR1254L
 Study : 8082 ICAL
 Rack/Vial : 1/18
 Channel : B
 A/D mV Range : 1000
 End Time : 37.95 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 18

Raw Data File : \\gcsrv1\TCDATA\hp68901\april\980429320r\1b_0429_018.raw
 Result File : \\gcsrv1\TCDATA\hp68901\april\980429320r\1b_0429_018.rst
 Inst Method : \\gcsrv1\TCDATA\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCDATA\hp68901\april\980429320r\1b_0429_018.rst
 Proc Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCDATA\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 13 | 8.51 | TCMX | 54199 | 0.0050 |
| | 19.66 | AR1254 | 221179 | 0.0602 |
| 79 | 30.25 | DCB | 60264 | 0.0052 |

299

05/22/98 08:46:35 AM Result:

\gcsrv1\TCData\hp68901\april\980429320\1b_0429_018.rst

Group Report For : AR1254

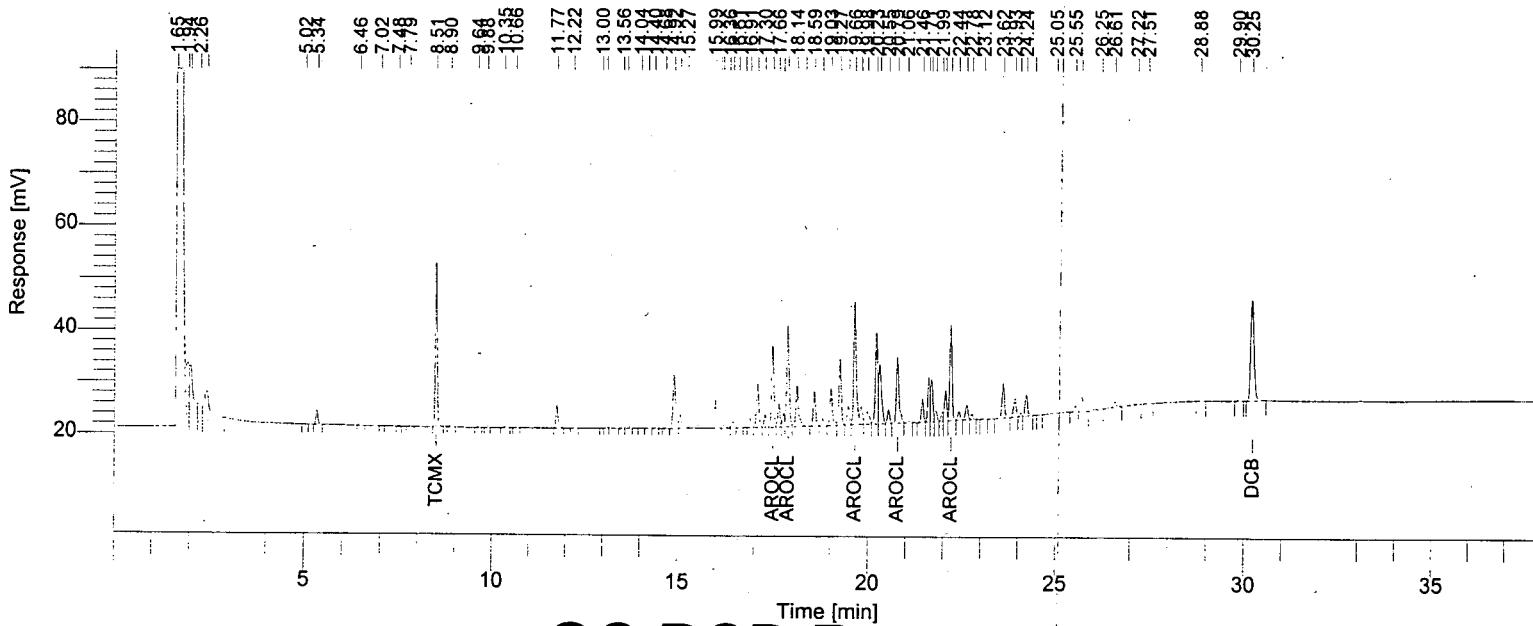
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 38 | 17.50 | Aroclor 1254-1 | 37105 | 0.0631 |
| 41 | 17.90 | Aroclor 1254-2 | 48231 | 0.0636 |
| 49 | 19.66 | Aroclor 1254-3 | 59958 | 0.0584 |
| 55 | 20.80 | Aroclor 1254-4 | 33275 | 0.0589 |
| 63 | 22.22 | Aroclor 1254-5 | 42610 | 0.0580 |

300

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 019
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 06:20:16 AM

Date : 05/22/98 08:46:40 AM
 Sample Name : AR1254ML
 Study : 8082 ICAL
 Rack/Vial : 1/19
 Channel : B
 A/D mV Range : 1000
 End Time : 37.94 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 19

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320R\1b_0429_019.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320R\1b_0429_019.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320R\1b_0429_019.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 12 | 8.51 | TCMX | 110598 | 0.0102 |
| | 19.66 | AR1254 | 410067 | 0.1117 |
| 85 | 30.25 | DCB | 122436 | 0.0106 |

151
301

05/22/98 08:46:40 AM Result:
\\gcsrv1\TCData\hp68901\april\980429320\1b_0429_019.rst

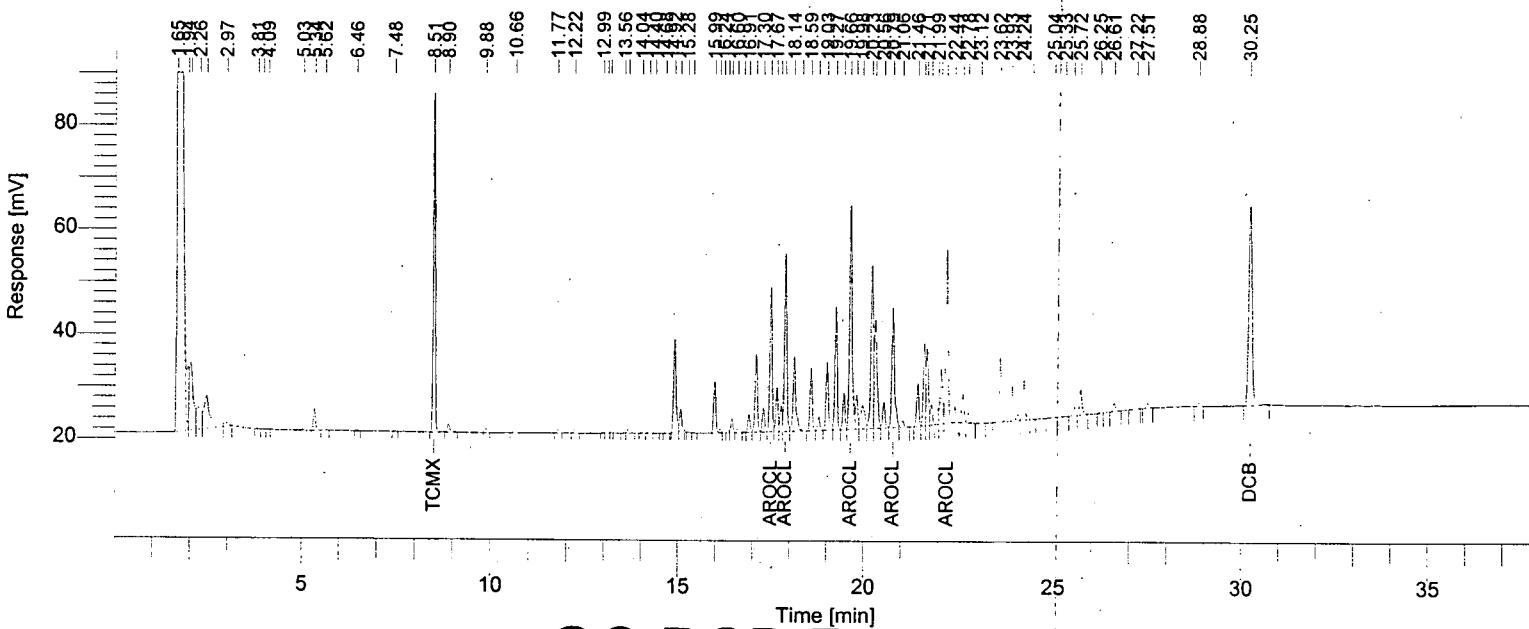
Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 41 | 17.50 | Aroclor 1254-1 | 66494 | 0.1131 |
| 44 | 17.90 | Aroclor 1254-2 | 86173 | 0.1136 |
| 52 | 19.66 | Aroclor 1254-3 | 113310 | 0.1105 |
| 58 | 20.79 | Aroclor 1254-4 | 63420 | 0.1122 |
| 66 | 22.22 | Aroclor 1254-5 | 80670 | 0.1099 |

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIIB
 Sample Number : 020
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 07:02:52 AM

Date : 05/22/98 08:46:44 AM
 Sample Name : AR1254M
 Study : 8082 ICAL
 Rack/Vial : 1/20
 Channel : B
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 20

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_020.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_020.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_020.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 15 | 8.51 | TCMX | 234811 | 0.0217 |
| | 19.66 | AR1254 | 739531 | 0.2014 |
| 88 | 30.25 | DCB | 242966 | 0.0211 |

303

05/22/98 08:46:44 AM Result:

\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_020.rst

Group Report For : AR1254

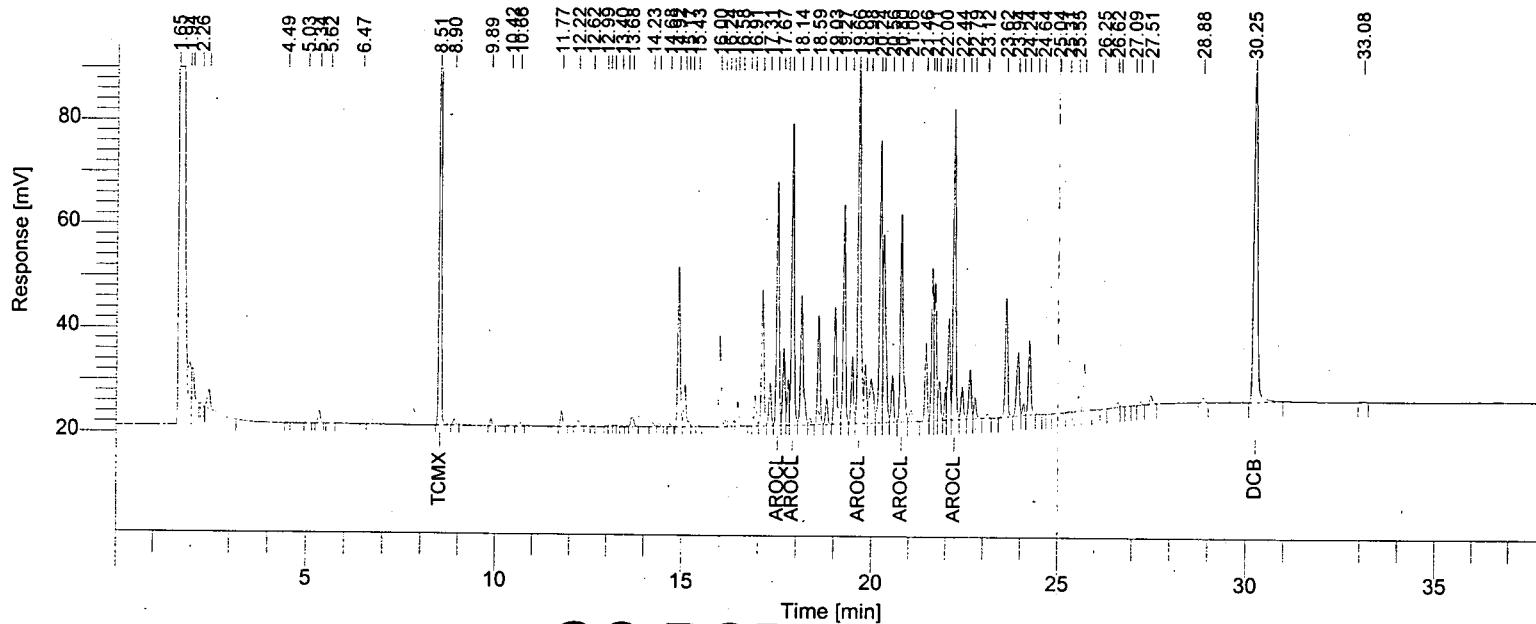
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 44 | 17.50 | Aroclor 1254-1 | 118705 | 0.2018 |
| 47 | 17.90 | Aroclor 1254-2 | 153334 | 0.2021 |
| 55 | 19.66 | Aroclor 1254-3 | 207663 | 0.2024 |
| 61 | 20.79 | Aroclor 1254-4 | 114847 | 0.2032 |
| 69 | 22.22 | Aroclor 1254-5 | 144983 | 0.1975 |

304

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 021
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 07:45:28 AM

Date : 05/22/98 08:46:49 AM
 Sample Name : AR1254MH
 Study : 8082 ICAL
 Rack/Vial : 1/21
 Channel : B
 A/D mV Range : 1000
 End Time : 37.94 min
 Area Reject : 100.000000
 Dilution Factor : 1:00
 Cycle : 21

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_021.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_021.rst
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 \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_021.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 11 | 8.51 | TCMX | 425552 | 0.0393 |
| | 19.66 | AR1254 | 1323228 | 0.3604 |
| 90 | 30.25 | DCB | 437858 | 0.0380 |

305

05/22/98 08:46:49 AM Result:

\gcsrv1\TCData\hp68901\april\980429320\1b_0429_021.rst

Group Report For : AR1254

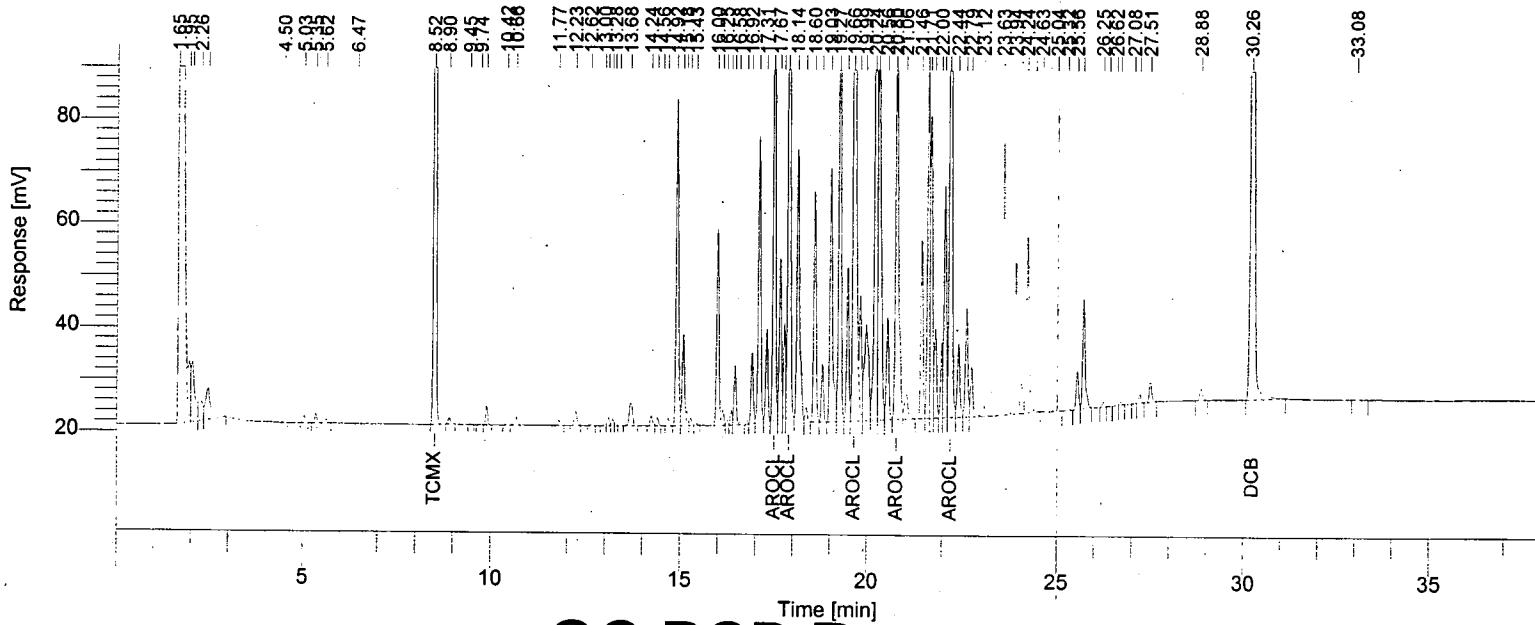
| Peak # | Ret.Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 43 | 17.50 | Aroclor 1254-1 | 207073 | 0.3521 |
| 46 | 17.90 | Aroclor 1254-2 | 265053 | 0.3494 |
| 54 | 19.66 | Aroclor 1254-3 | 375066 | 0.3656 |
| 60 | 20.80 | Aroclor 1254-4 | 204103 | 0.3612 |
| 68 | 22.22 | Aroclor 1254-5 | 271931 | 0.3704 |

306

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 022
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 08:27:56 AM

Date : 05/22/98 08:46:55 AM
 Sample Name : AR1254H
 Study : 8082 ICAL
 Rack/Vial : 1/22
 Channel : B
 A/D mV Range : 1000
 End Time : 37.95 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 22

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_022.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_022.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_022.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 11 | 8.52 | TCMX | 989345 | 0.0913 |
| | 19.66 | AR1254 | 2828407 | 0.7703 |
| 94 | 30.26 | DCB | 1026118 | 0.0890 |

307

05/22/98 08:46:55 AM Result:

\gcsrv1\TCData\hp68901\april\980429320\1b_0429_022.rst

Group Report For : AR1254

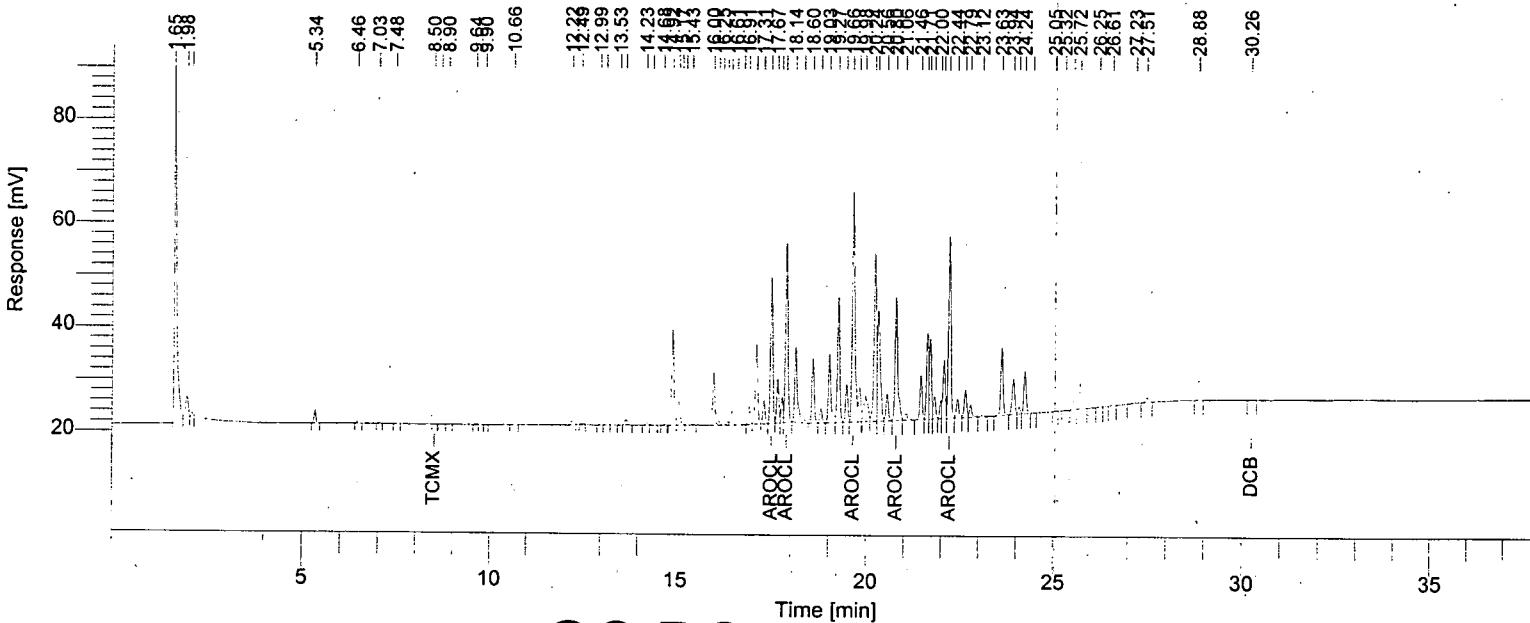
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 46 | 17.51 | Aroclor 1254-1 | 422635 | 0.7186 |
| 49 | 17.90 | Aroclor 1254-2 | 536925 | 0.7079 |
| 57 | 19.66 | Aroclor 1254-3 | 820926 | 0.8003 |
| 63 | 20.80 | Aroclor 1254-4 | 441249 | 0.7808 |
| 71 | 22.23 | Aroclor 1254-5 | 606672 | 0.8265 |

308

Software Version : 6.0.2:G11
 Operator : LEWANDOWSKIB
 Sample Number : 023
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 04/30/98 09:10:24 AM

Date : 05/22/98 08:46:59 AM
 Sample Name : AR1254REF
 Study : 8082 ICAL
 Rack/Vial : 1/23
 Channel : B
 A/D mV Range : 1000
 End Time : 37.94 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 23

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320\1b_0429_023.raw
 Result File : \\gcsrv1\TCData\hp68901\april\980429320\1b_0429_023.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\hp68901\april\980429320\1b_0429_023.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 8 | 8.50 | TCMX | 300 | 0.0000 |
| 82 | 19.66 | AR1254 | 759422 | 0.2068 |
| 82 | 30.26 | DCB | 751 | 0.0001 |

309

05/22/98 08:46:59 AM Result:

\gcsrv1\TCDATA\hp68901\april\980429320r\1b_0429_023.rst

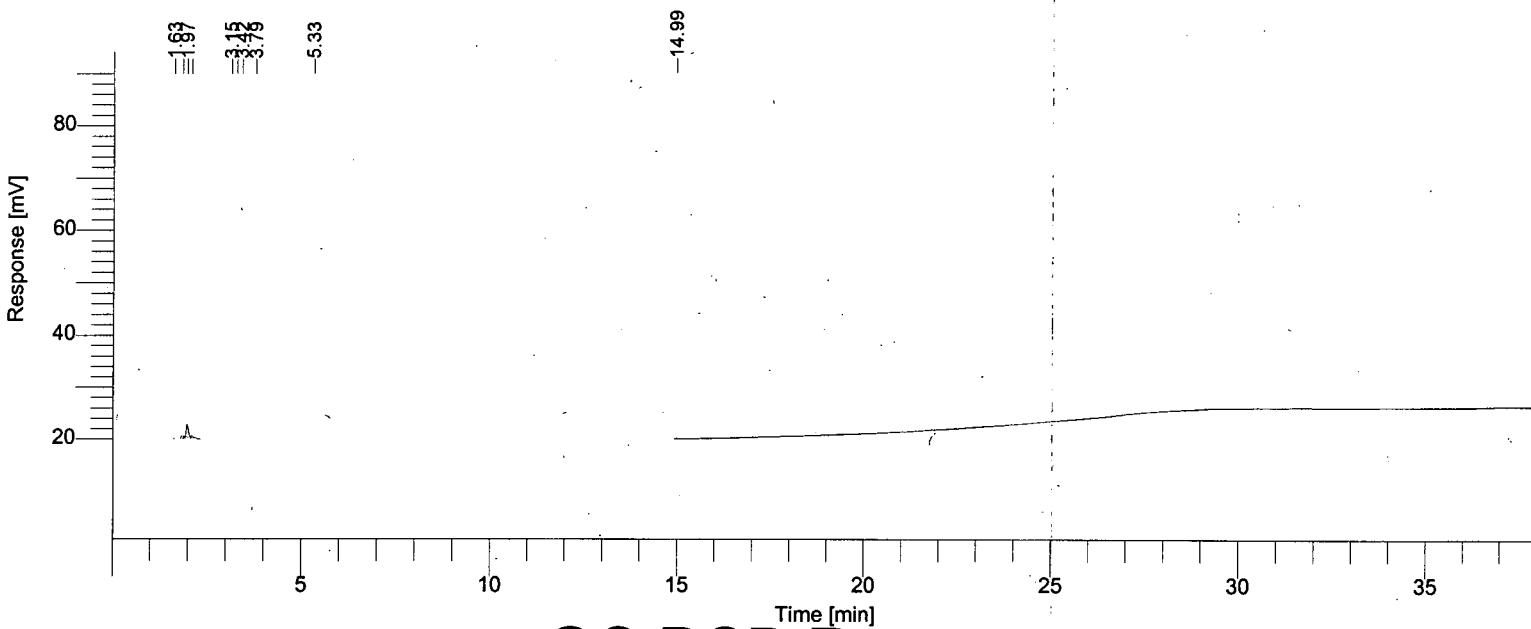
Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 38 | 17.50 | Aroclor 1254-1 | 119898 | 0.2038 |
| 41 | 17.90 | Aroclor 1254-2 | 152184 | 0.2006 |
| 49 | 19.66 | Aroclor 1254-3 | 213448 | 0.2081 |
| 55 | 20.80 | Aroclor 1254-4 | 118478 | 0.2097 |
| 63 | 22.23 | Aroclor 1254-5 | 155414 | 0.2117 |

310

| | | | | | |
|-----------------------|---|----------------------|-----------------|---|----------------------|
| Software Version | : | 6.0.2:G11 | Date | : | 05/12/98 14:35:08 PM |
| Operator | : | ATHERTOND | Sample Name | : | HEXANE |
| Sample Number | : | 001 | Study | : | |
| AutoSampler | : | BUILT-IN | Rack/Vial | : | 1/1 |
| Instrument Name | : | HP68901 | Channel | : | B |
| Instrument Serial # | : | NONE | A/D mV Range | : | 1000 |
| Delay Time | : | 0.00 min | End Time | : | 37.97 min |
| Sampling Rate | : | 5.0000 pts/s | | | |
| Volume Injected | : | 1.000000 ul | Area Reject | : | 100.000000 |
| Sample Amount | : | 1.0000 | Dilution Factor | : | 1.00 |
| Data Acquisition Time | : | 05/11/98 09:19:02 AM | Cycle | : | 1 |

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_001.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_001.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_001.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

No peaks available to report

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 17.50 | Aroclor 1254-1 | 0 | 0.0000 |
| 0 | 17.90 | Aroclor 1254-2 | 0 | 0.0000 |
| 0 | 19.66 | Aroclor 1254-3 | 0 | 0.0000 |
| 0 | 20.80 | Aroclor 1254-4 | 0 | 0.0000 |
| 0 | 22.22 | Aroclor 1254-5 | 0 | 0.0000 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 002
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 10:01:36 AM

Date : 05/12/98 14:35:14 PM
 Sample Name : 0.2ug/ml AR1254
 Study : 8082.CCV
 Rack/Vial : 1/2
 Channel : B
 A/D mV Range : 1000
 End Time : 38.00 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_002.raw

Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_002.rst

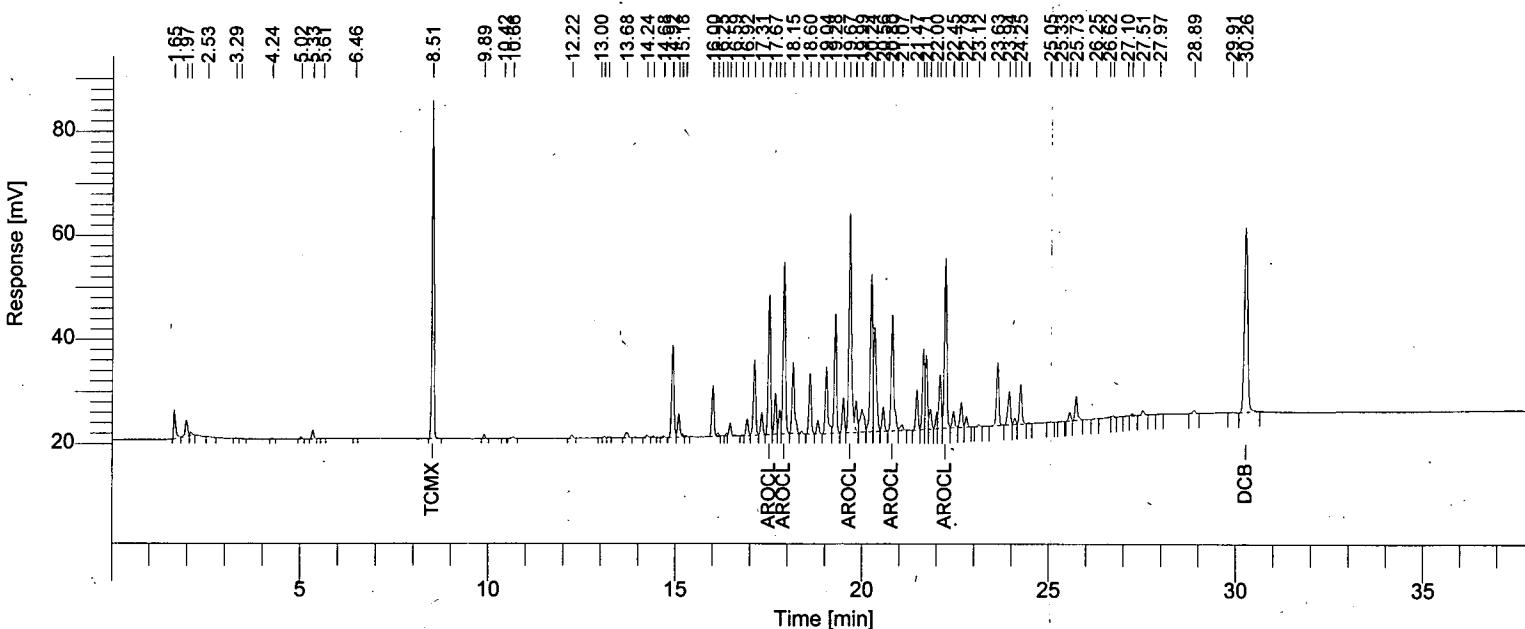
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from

\\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_002.rst

Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth

Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth

Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511R.seq



GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 12 | 8.51 | TCMX | 230322 | 0.0213 | 0.020 | 6.3 |
| | 19.67 | AR1254 | 713151 | 0.1942 | 0.200 | -2.9 |
| 86 | 30.26 | DCB | 220690 | 0.0191 | 0.020 | -4.3 |
| | | | 1164164 | 0.2346 | | |

05/12/98 14:35:14 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_002.rst

Group Report For : AR1254

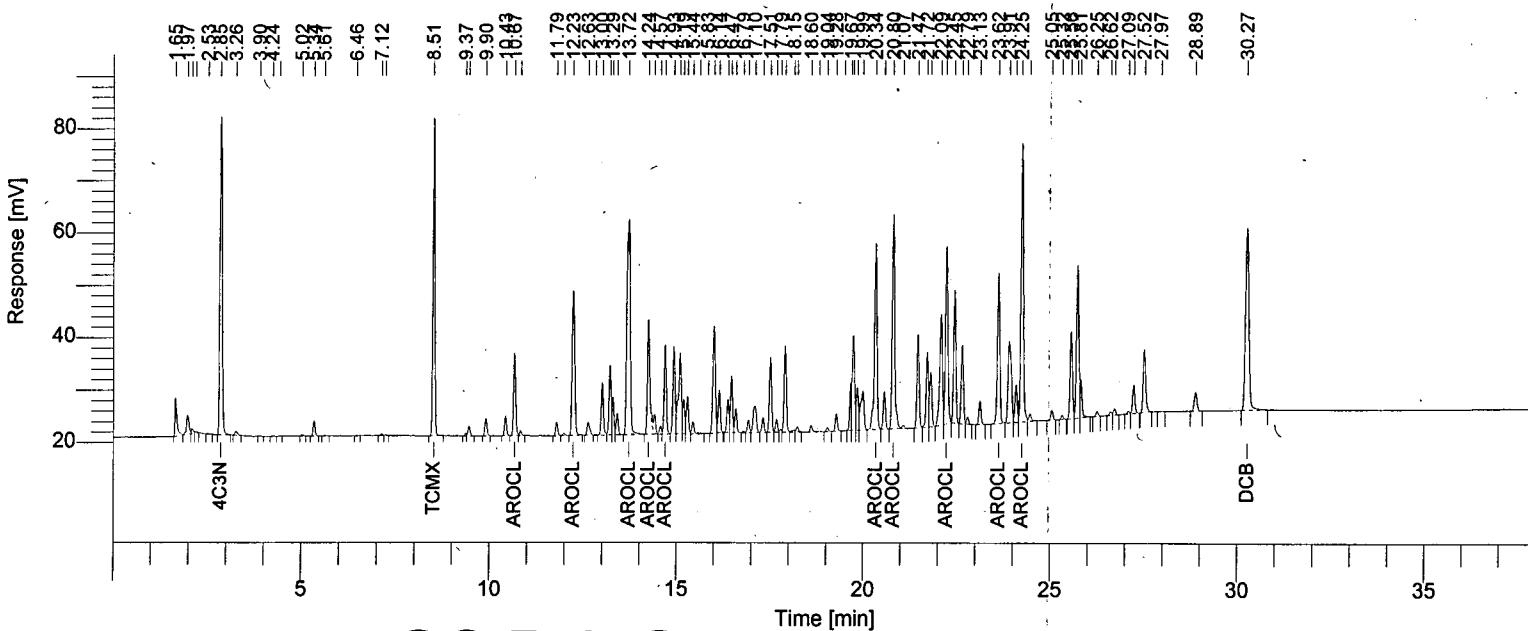
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 38 | 17.51 | Aroclor 1254-1 | 113448 | 0.1929 | 0.000 | ---- |
| 41 | 17.90 | Aroclor 1254-2 | 144438 | 0.1904 | 0.000 | ---- |
| 49 | 19.67 | Aroclor 1254-3 | 202099 | 0.1970 | 0.000 | ---- |
| 55 | 20.80 | Aroclor 1254-4 | 108946 | 0.1928 | 0.000 | ---- |
| 63 | 22.23 | Aroclor 1254-5 | 144221 | 0.1965 | 0.000 | ---- |
| | | | 713151 | 0.9696 | | |

313

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 003
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 10:44:11 AM

Date : 05/12/98 14:35:20 PM
 Sample Name : 0.2ug/ml AR1660
 Study : 8082 CCV
 Rack/Vial : 1/3
 Channel : B
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 3

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_003.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_003.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_003.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511R.seq



GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 6 | 2.85 | 4C3N | 261228 | 0.0500 | 0.050 | -0.1 |
| 17 | 8.51 | TCMX | 216317 | 0.0187 | 0.020 | -6.7 |
| | 13.72 | AR1016 | 627854 | 0.2039 | 0.200 | 2.0 |
| | 24.25 | AR1260 | 876911 | 0.2001 | 0.200 | 0.0 |
| 100 | 30.27 | DCB | 220326 | 0.0196 | 0.020 | -1.8 |
| | | | 2202636 | 0.4922 | | |

05/12/98 14:35:20 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_003.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 22 | 10.67 | Aroclor 1016-1 | 62525 | 0.2026 | 0.000 | ---- |
| 26 | 12.23 | Aroclor 1016-2 | 135555 | 0.1977 | 0.000 | ---- |
| 33 | 13.72 | Aroclor 1016-3 | 259944 | 0.2083 | 0.000 | ---- |
| 34 | 14.24 | Aroclor 1016-4 | 100888 | 0.2024 | 0.000 | ---- |
| 37 | 14.69 | Aroclor 1016-5 | 68942 | 0.2039 | 0.000 | ---- |
| | | | 627854 | 1.0149 | | |

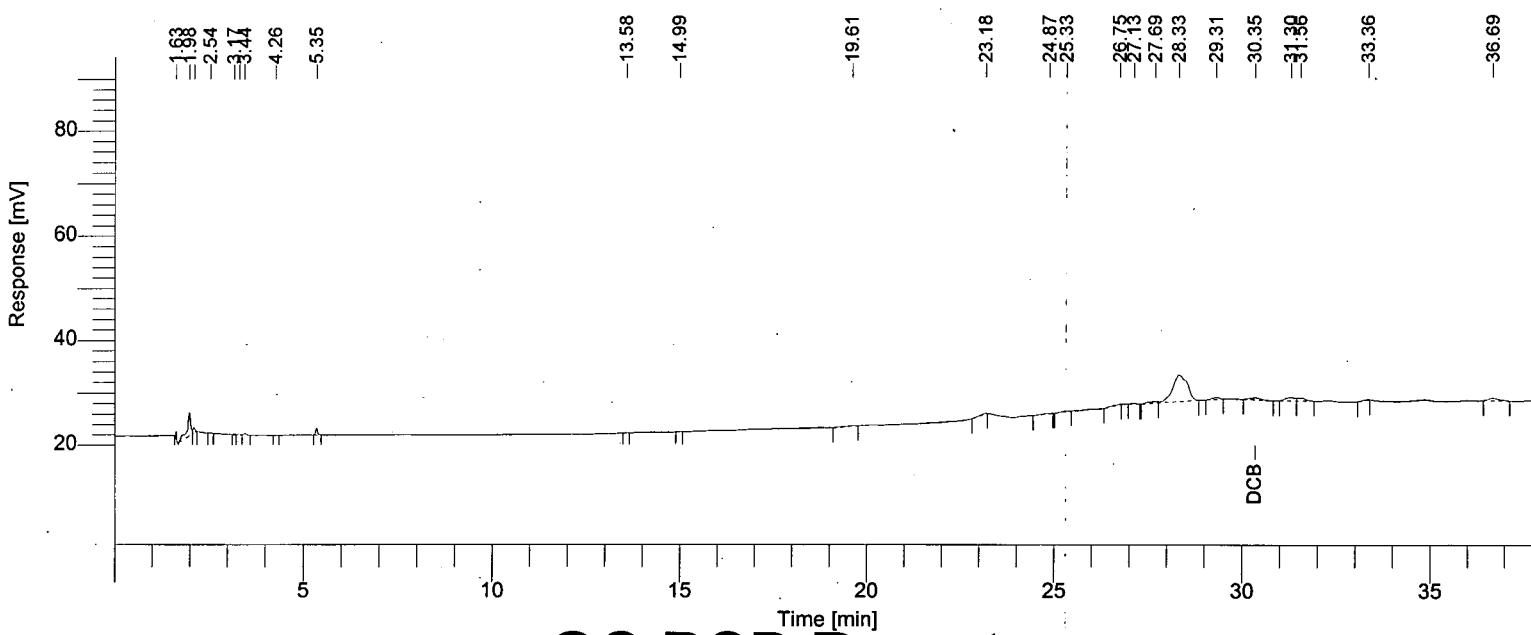
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 69 | 20.34 | Aroclor 1260-1 | 170120 | 0.1966 | 0.000 | ---- |
| 71 | 20.80 | Aroclor 1260-2 | 188723 | 0.1984 | 0.000 | ---- |
| 77 | 22.23 | Aroclor 1260-3 | 150110 | 0.1986 | 0.000 | ---- |
| 82 | 23.62 | Aroclor 1260-4 | 130016 | 0.2036 | 0.000 | ---- |
| 85 | 24.25 | Aroclor 1260-5 | 237942 | 0.2030 | 0.000 | ---- |
| | | | 876911 | 1.0001 | | |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 014
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 μ l
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 19:09:19 PM

Date : 05/20/98 17:42:33 PM
 Sample Name : HEXANE
 Study :
 Rack/Vial : 1/14
 Channel : B
 A/D mV Range : 1000
 End Time : 37.94 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 14

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_014.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_014.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_014.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2 μ l Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 21 | 30.35 | DCB | 8258 | 0.0007 |

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 10.66 | Aroclor 1016-1 | 0 | 0.0000 |
| 0 | 12.23 | Aroclor 1016-2 | 0 | 0.0000 |
| 0 | 13.71 | Aroclor 1016-3 | 0 | 0.0000 |
| 0 | 14.24 | Aroclor 1016-4 | 0 | 0.0000 |
| 0 | 14.69 | Aroclor 1016-5 | 0 | 0.0000 |

316

05/20/98 17:42:33 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_014.rst

Group Report For : AR1260

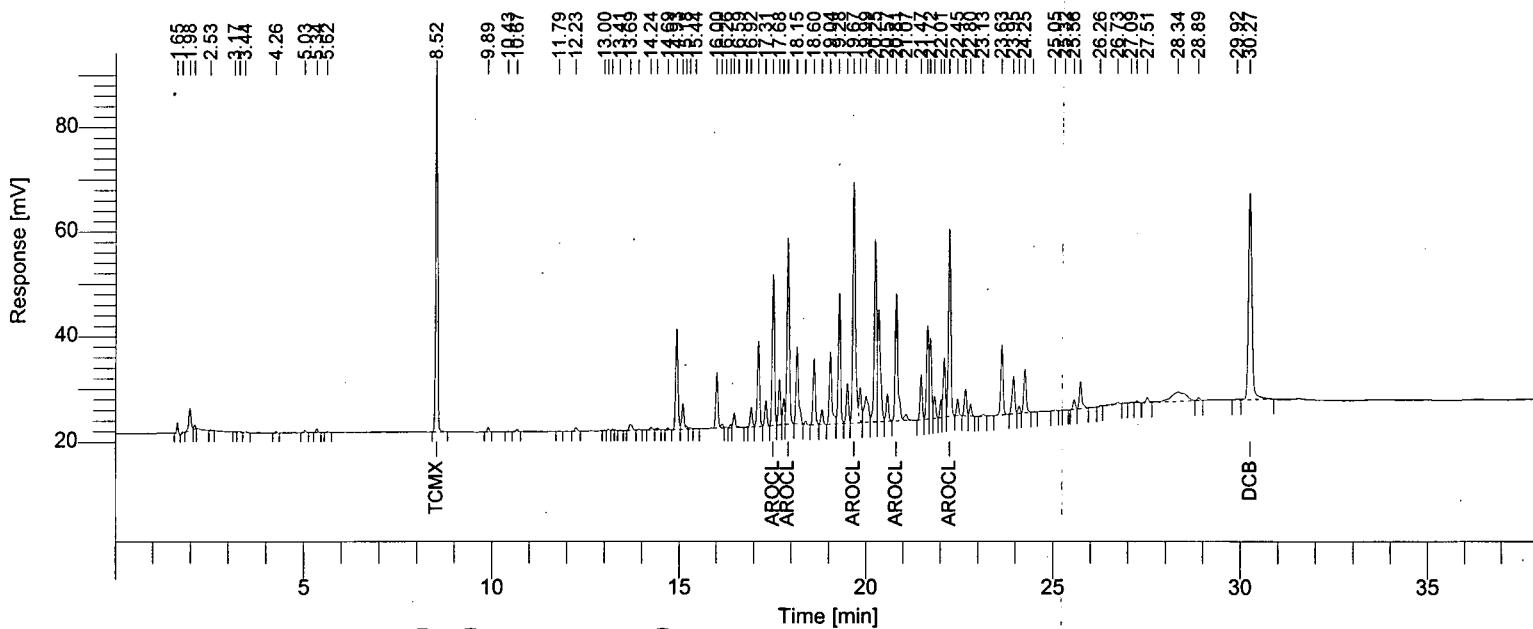
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 20.33 | Aroclor 1260-1 | 0 | 0.0000 |
| 0 | 20.80 | Aroclor 1260-2 | 0 | 0.0000 |
| 0 | 22.23 | Aroclor 1260-3 | 0 | 0.0000 |
| 0 | 23.62 | Aroclor 1260-4 | 0 | 0.0000 |
| 0 | 24.24 | Aroclor 1260-5 | 0 | 0.0000 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 015
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 19:51:53 PM

Date : 05/20/98 17:42:39 PM
 Sample Name : 0.2UG/ML AR1254
 Study : CCV
 Rack/Vial : 1/15
 Channel : B
 A/D mV Range : 1000
 End Time : 37.99 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 15

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_015.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_015.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_015.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 13 | 8.52 | TCMX | 261026 | 0.0241 | 0.020 | 20.5 |
| | 19.67 | AR1254 | 773308 | 0.2106 | 0.200 | 5.3 |
| 90 | 30.27 | DCB | 257316 | 0.0223 | 0.020 | 11.6 |
| | | | 1291650 | 0.2570 | | |

318

05/20/98 17:42:39 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_015.rst

Group Report For : AR1254

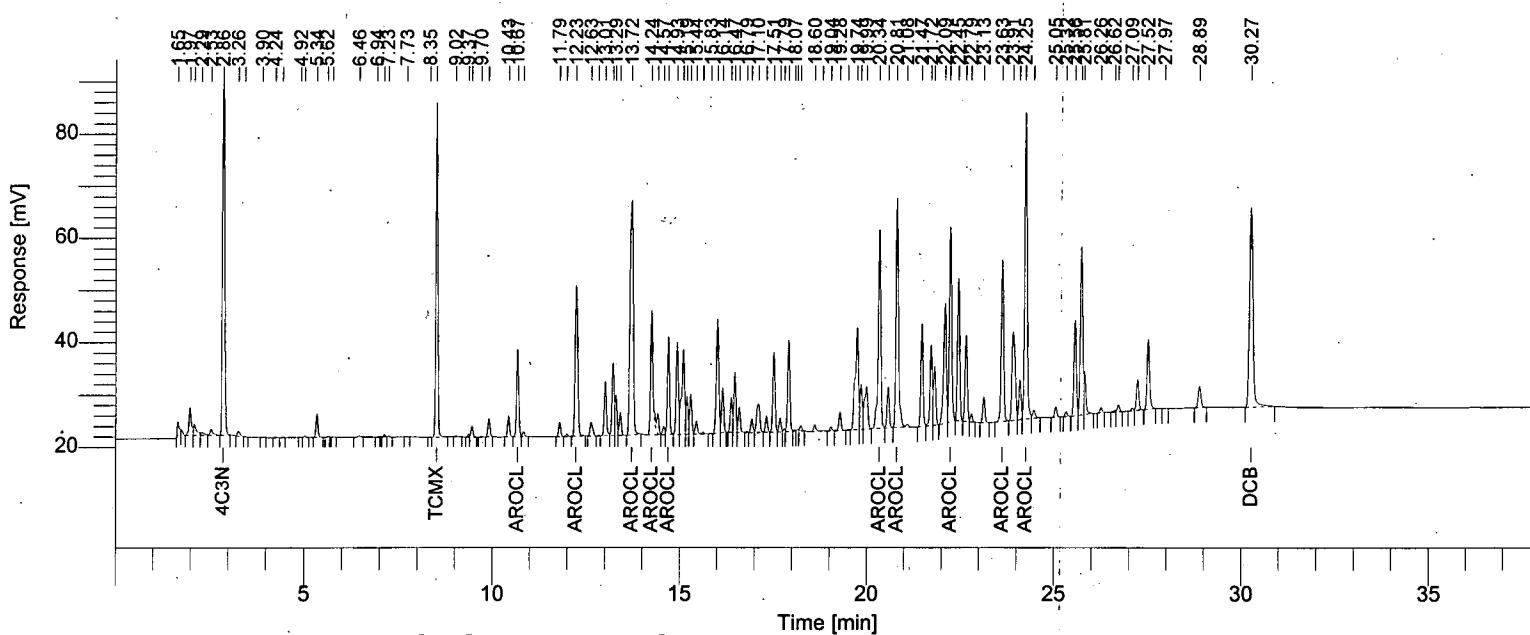
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 43 | 17.51 | Aroclor 1254-1 | 123029 | 0.2092 | 0.000 | ---- |
| 46 | 17.91 | Aroclor 1254-2 | 156115 | 0.2058 | 0.000 | ---- |
| 54 | 19.67 | Aroclor 1254-3 | 219582 | 0.2141 | 0.000 | ---- |
| 60 | 20.81 | Aroclor 1254-4 | 120293 | 0.2129 | 0.000 | ---- |
| 68 | 22.23 | Aroclor 1254-5 | 154289 | 0.2102 | 0.000 | ---- |
| | | | 773308 | 1.0521 | | |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 016
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 20:33:42 PM

Date : 05/20/98 17:42:47 PM
 Sample Name : 0.2UG/ML AR1660
 Study : CCV
 Rack/Vial : 1/16
 Channel : B
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 16

Raw Data File : \\gcsvr1\TCData\HP68901\May\980511320R\1B_0511_016.raw
 Result File : \\gcsvr1\TCData\HP68901\May\980511320R\1B_0511_016.rst
 Inst Method : \\gcsvr1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsvr1\TCData\HP68901\May\980511320R\1B_0511_016.rst
 Proc Method : \\gcsvr1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Calib Method : \\gcsvr1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Sequence File : \\gcsvr1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 6 | 2.86 | 4C3N | 295255 | 0.0565 | 0.050 | 12.9 |
| 23 | 8.51 | TCMX | 227747 | 0.0196 | 0.020 | -1.8 |
| | 13.72 | AR1016 | 667508 | 0.2168 | 0.200 | 8.4 |
| | 24.25 | AR1260 | 951415 | 0.2171 | 0.200 | 8.5 |
| 108 | 30.27 | DCB | 249154 | 0.0222 | 0.020 | 11.0 |
| | | | 2391078 | 0.5322 | | |

05/20/98 17:42:47 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_016.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 30 | 10.67 | Aroclor 1016-1 | 66240 | 0.2146 | 0.000 | ---- |
| 34 | 12.23 | Aroclor 1016-2 | 141784 | 0.2068 | 0.000 | ---- |
| 41 | 13.72 | Aroclor 1016-3 | 276426 | 0.2215 | 0.000 | ---- |
| 42 | 14.24 | Aroclor 1016-4 | 108271 | 0.2172 | 0.000 | ---- |
| 45 | 14.69 | Aroclor 1016-5 | 74787 | 0.2212 | 0.000 | ---- |
| | | | 667508 | 1.0813 | | |

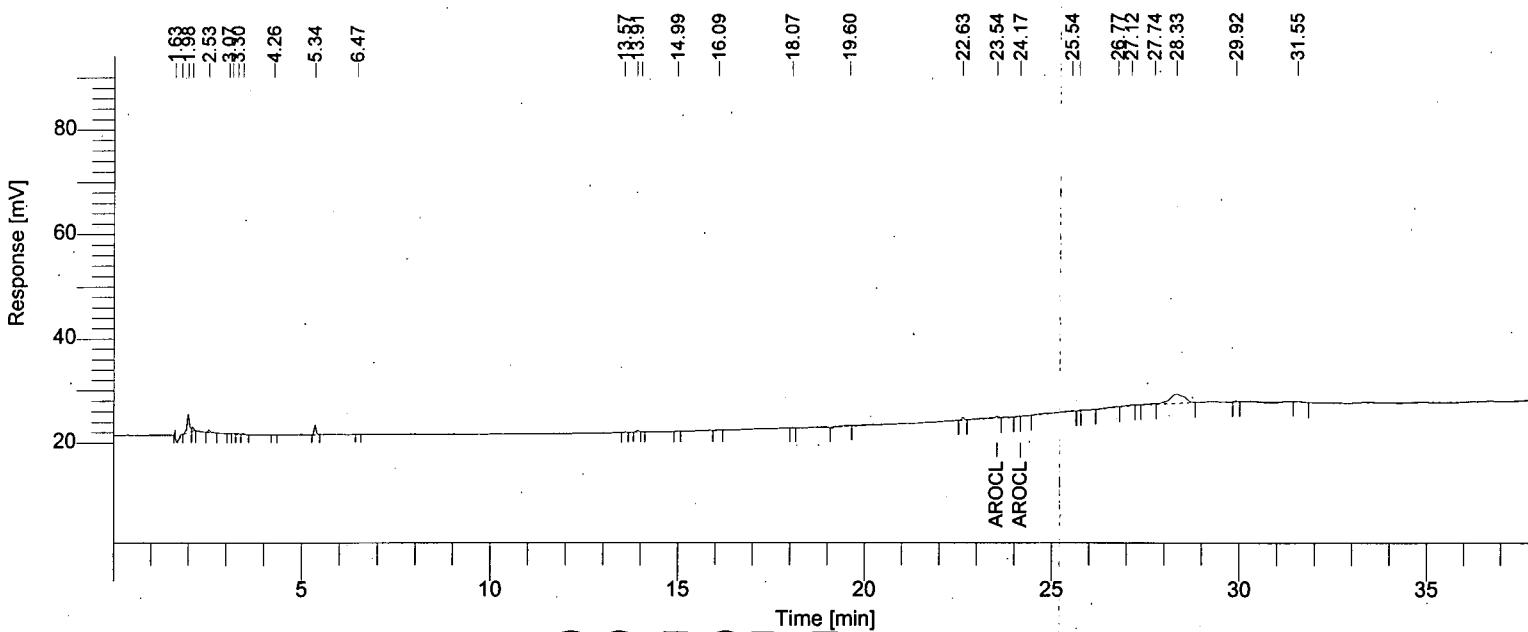
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 77 | 20.34 | Aroclor 1260-1 | 182229 | 0.2105 | 0.000 | ---- |
| 79 | 20.81 | Aroclor 1260-2 | 204017 | 0.2145 | 0.000 | ---- |
| 85 | 22.23 | Aroclor 1260-3 | 164087 | 0.2171 | 0.000 | ---- |
| 90 | 23.63 | Aroclor 1260-4 | 140111 | 0.2194 | 0.000 | ---- |
| 93 | 24.25 | Aroclor 1260-5 | 260970 | 0.2227 | 0.000 | ---- |
| | | | 951415 | 1.0841 | | |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 027
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 04:24:07 AM

Date : 05/20/98 17:43:49 PM
 Sample Name : HEXANE
 Study :
 Rack/Vial : 1/27
 Channel : B
 A/D mV Range : 1000
 End Time : 37.95 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 27

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_027.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_027.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_027.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 23.54 | AR1260 | | 3592 | 0.0008 |

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 10.66 | Aroclor 1016-1 | 0 | 0.0000 |
| 0 | 12.23 | Aroclor 1016-2 | 0 | 0.0000 |
| 0 | 13.71 | Aroclor 1016-3 | 0 | 0.0000 |
| 0 | 14.24 | Aroclor 1016-4 | 0 | 0.0000 |
| 0 | 14.69 | Aroclor 1016-5 | 0 | 0.0000 |

322

05/20/98 17:43:49 PM Result:
\\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_027.rst

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 20.33 | Aroclor 1260-1 | 0 | 0.0000 |
| 0 | 20.80 | Aroclor 1260-2 | 0 | 0.0000 |
| 0 | 22.23 | Aroclor 1260-3 | 0 | 0.0000 |
| 21 | 23.54 | Aroclor 1260-4 | 3227 | 0.0051 |
| 22 | 24.17 | Aroclor 1260-5 | 364 | 0.0003 |

| | | | |
|-----------------------|------------------------|-----------------|------------------------|
| Software Version | : 6.0.2:G11 | Date | : 05/20/98 17:43:54 PM |
| Operator | : ATHERTOND | Sample Name | : 0.2UG/ML AR1254 |
| Sample Number | : 028 | Study | |
| AutoSampler | : BUILT-IN | Rack/Vial | : 1/28 |
| Instrument Name | : HP68901 | Channel | : B |
| Instrument Serial # | : NONE | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 37.94 min |
| Sampling Rate | : 5.0000 pts/s | | |
| Volume Injected | : 1.000000 ul | Area Reject | : 100.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 05/12/98 05:06:43 AM | Cycle | : 28 |

Raw Data File : \\qcsrv1\TCDData\HP68901\May\980511320R\1B_0511_028.raw

Result File : \\qcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_028.rst

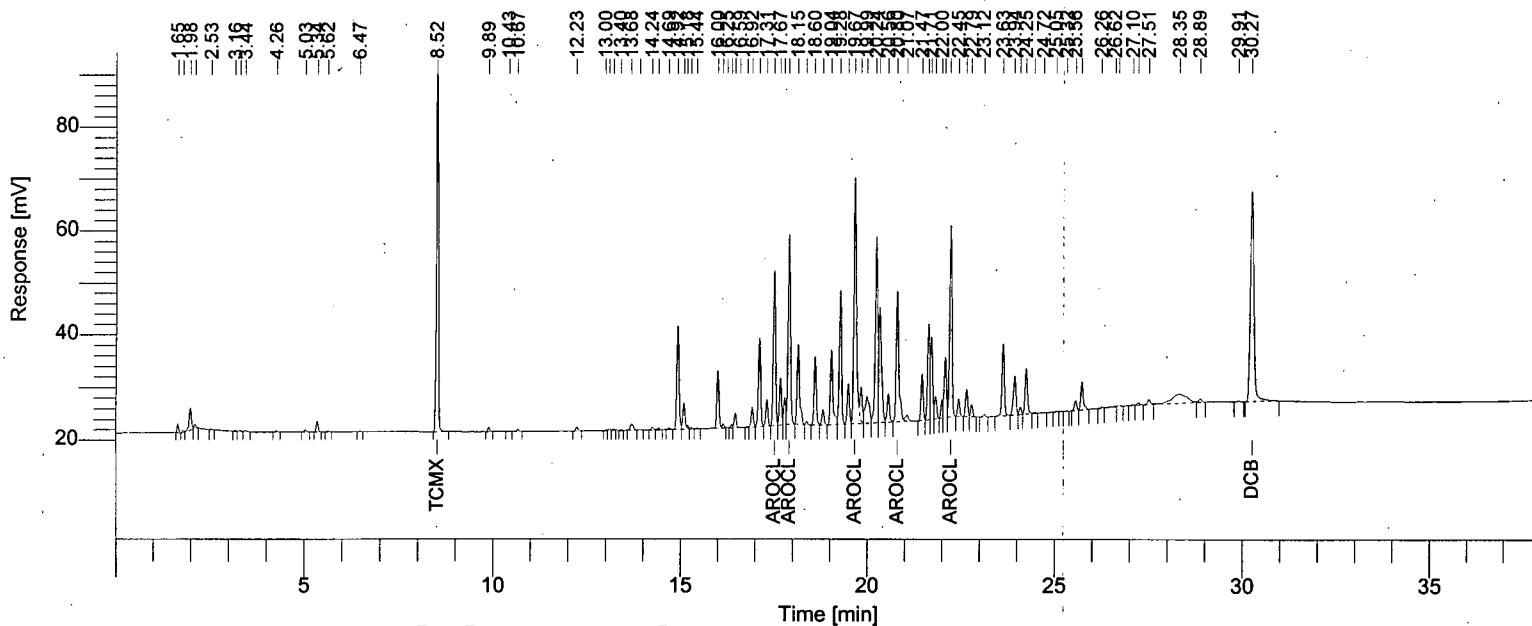
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from

\\\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_028.rst

Proc Method : \gcsrv1\TCDData\hp68901\methods\681b_ar1254_0429.mth

Calib Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar1254_0429.mth

Sequence File : \\gcsvr1\TCDData\HP68901\May\1980511320R\681_0511_5460.seq



GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 14 | 8.52 | TCMX | 266447 | 0.0246 | 0.020 | 23.0 |
| | 19.67 | AR1254 | 796636 | 0.2170 | 0.200 | 8.5 |
| 92 | 30.27 | DCB | 266110 | 0.0231 | 0.020 | 15.4 |
| | | | 1329193 | 0.2646 | | |

324

05/20/98 17:43:54 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_028.rst

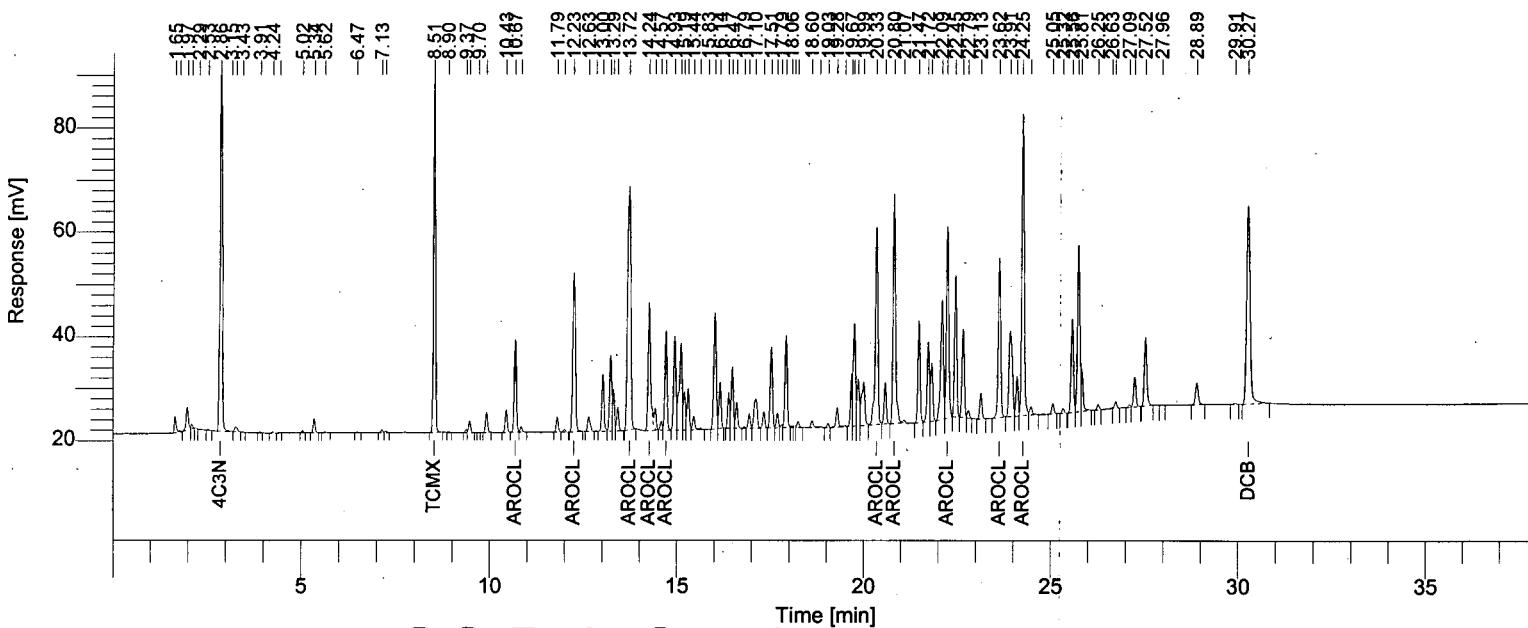
Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 43 | 17.51 | Aroclor 1254-1 | 126728 | 0.2155 | 0.000 | ----- |
| 46 | 17.90 | Aroclor 1254-2 | 160766 | 0.2119 | 0.000 | ----- |
| 54 | 19.67 | Aroclor 1254-3 | 226006 | 0.2203 | 0.000 | ----- |
| 60 | 20.80 | Aroclor 1254-4 | 124765 | 0.2208 | 0.000 | ----- |
| 68 | 22.23 | Aroclor 1254-5 | 158371 | 0.2157 | 0.000 | ----- |
| | | | 796636 | 1.0843 | | |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 029
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 05:49:19 AM

Date : 05/20/98 17:43:59 PM
 Sample Name : 0.2UG/ML AR1660
 Study :
 Rack/Vial : 1/29
 Channel : B
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 29

Raw Data File : \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_029.raw
 Result File : \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_029.rst
 Inst Method : \\gcsrv1\TCDATA\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_029.rst
 Proc Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCDATA\HP68901\May\980511320R\681_0511_5460.seq



GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 7 | 2.86 | 4C3N | 304420 | 0.0582 | 0.050 | 16.4 |
| 20 | 8.51 | TCMX | 247914 | 0.0214 | 0.020 | 6.9 |
| | 13.72 | AR1016 | 695441 | 0.2259 | 0.200 | 12.9 |
| | 24.25 | AR1260 | 945443 | 0.2157 | 0.200 | 7.8 |
| 107 | 30.27 | DCB | 247882 | 0.0221 | 0.020 | 10.5 |
| | | | 2441099 | 0.5433 | | |

05/20/98 17:43:59 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_029.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 27 | 10.67 | Aroclor 1016-1 | 70915 | 0.2298 | 0.000 | ---- |
| 31 | 12.23 | Aroclor 1016-2 | 149961 | 0.2187 | 0.000 | ---- |
| 38 | 13.72 | Aroclor 1016-3 | 284450 | 0.2279 | 0.000 | ---- |
| 39 | 14.24 | Aroclor 1016-4 | 112824 | 0.2263 | 0.000 | ---- |
| 42 | 14.69 | Aroclor 1016-5 | 77291 | 0.2286 | 0.000 | ---- |
| | | | 695441 | 1.1314 | | |

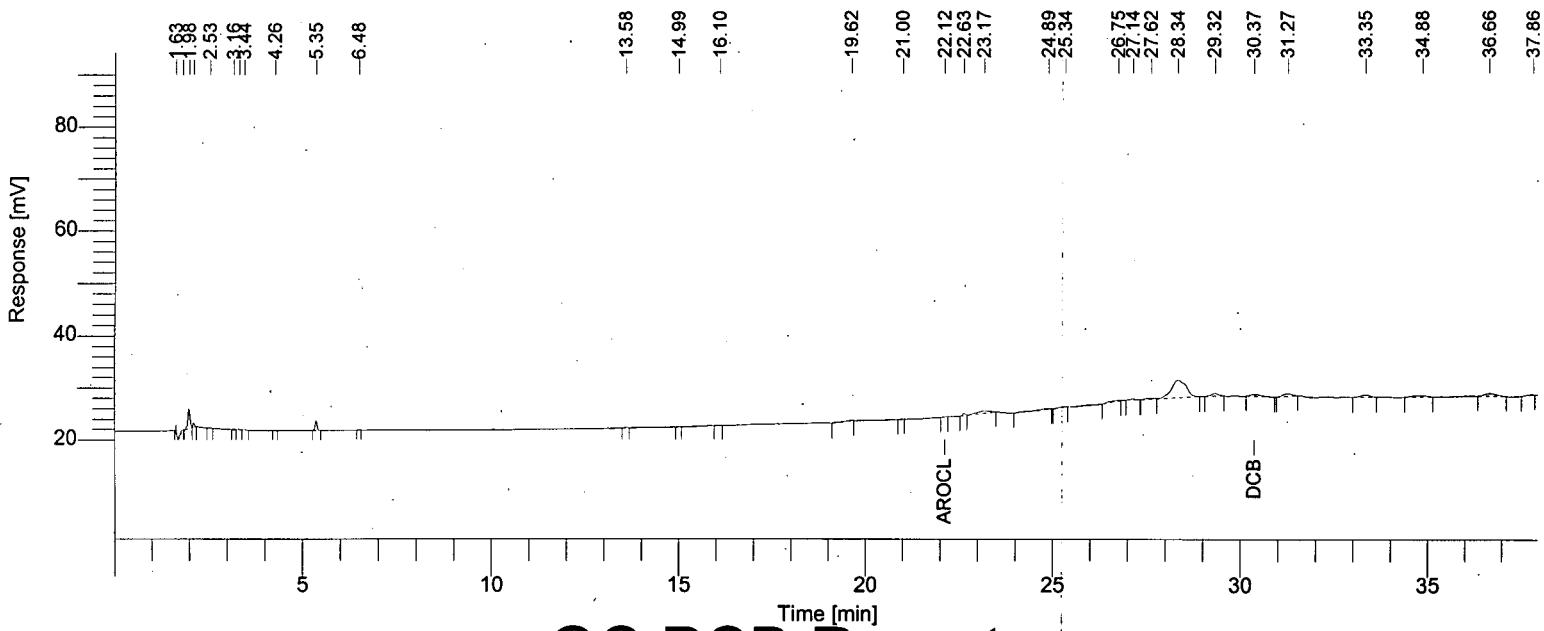
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 75 | 20.33 | Aroclor 1260-1 | 183748 | 0.2123 | 0.000 | ---- |
| 77 | 20.80 | Aroclor 1260-2 | 203261 | 0.2137 | 0.000 | ---- |
| 83 | 22.23 | Aroclor 1260-3 | 162297 | 0.2147 | 0.000 | ---- |
| 88 | 23.62 | Aroclor 1260-4 | 139025 | 0.2177 | 0.000 | ---- |
| 91 | 24.25 | Aroclor 1260-5 | 257111 | 0.2194 | 0.000 | ---- |
| | | | 945443 | 1.0777 | | |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 034
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 09:22:15 AM

Date : 05/20/98 17:44:26 PM
 Sample Name : HEXANE
 Study :
 Rack/Vial : 1/34
 Channel : B
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 34

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_034.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_034.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_034.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 27 | 22.12 | AR1260 | 588 | 0.0001 |
| | 30.37 | DCB | 7600 | 0.0007 |

05/20/98 17:44:26 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_034.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 10.66 | Aroclor 1016-1 | 0 | 0.0000 |
| 0 | 12.23 | Aroclor 1016-2 | 0 | 0.0000 |
| 0 | 13.71 | Aroclor 1016-3 | 0 | 0.0000 |
| 0 | 14.24 | Aroclor 1016-4 | 0 | 0.0000 |
| 0 | 14.69 | Aroclor 1016-5 | 0 | 0.0000 |

Group Report For : AR1260

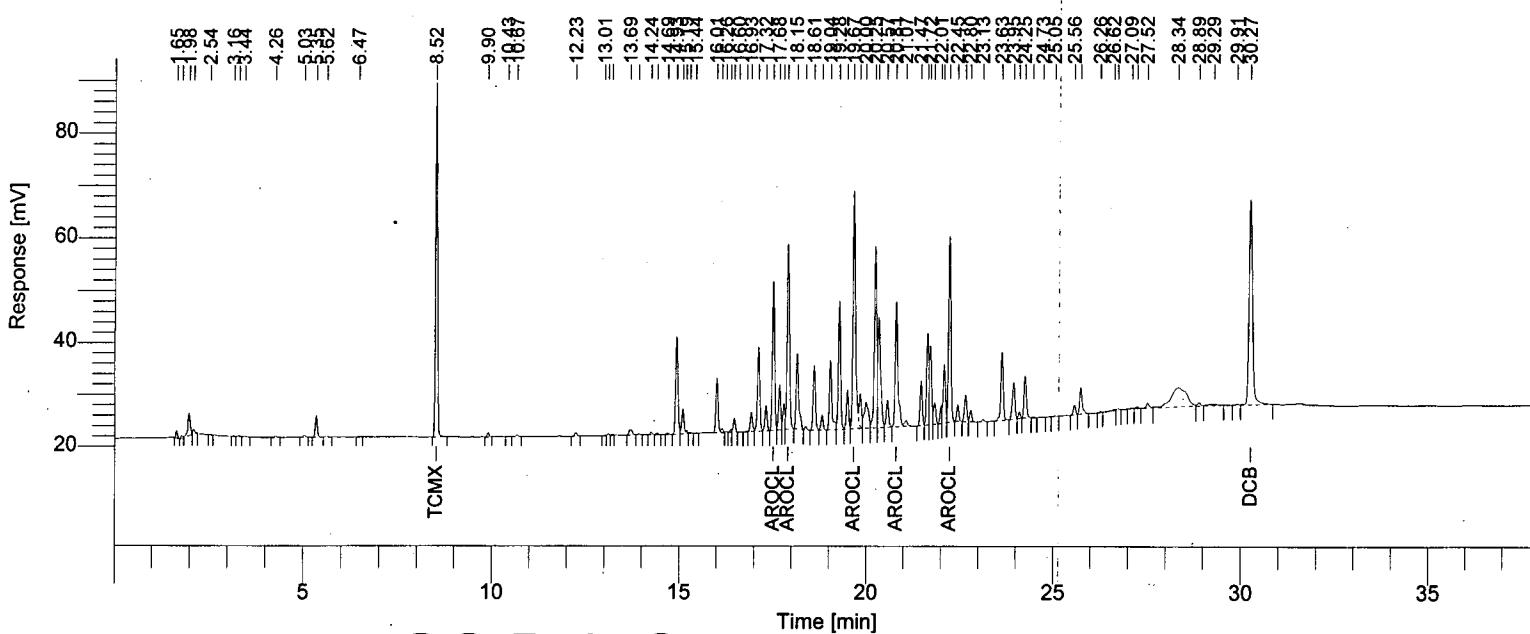
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 20.33 | Aroclor 1260-1 | 0 | 0.0000 |
| 0 | 20.80 | Aroclor 1260-2 | 0 | 0.0000 |
| 17 | 22.12 | Aroclor 1260-3 | 588 | 0.0008 |
| 0 | 23.62 | Aroclor 1260-4 | 0 | 0.0000 |
| 0 | 24.24 | Aroclor 1260-5 | 0 | 0.0000 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 035
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 10:04:47 AM

Date : 05/20/98 17:44:31 PM
 Sample Name : 0.2UG/ML AR1254
 Study : CCV
 Rack/Vial : 1/35
 Channel : B
 A/D mV Range : 1000
 End Time : 37.95 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 35

Raw Data File : \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_035.raw
 Result File : \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_035.rst
 Inst Method : \\gcsrv1\TCDATA\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_035.rst
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 Calib Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCDATA\HP68901\May\980511320R\681_0511_5460.seq



GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 14 | 8.52 | TCMX | 243382 | 0.0225 | 0.020 | 12.3 |
| | 19.67 | AR1254 | 770660 | 0.2099 | 0.200 | 4.9 |
| 91 | 30.27 | DCB | 257645 | 0.0223 | 0.020 | 11.7 |
| | | | 1271687 | 0.2547 | | |

05/20/98 17:44:31 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_035.rst

Group Report For : AR1254

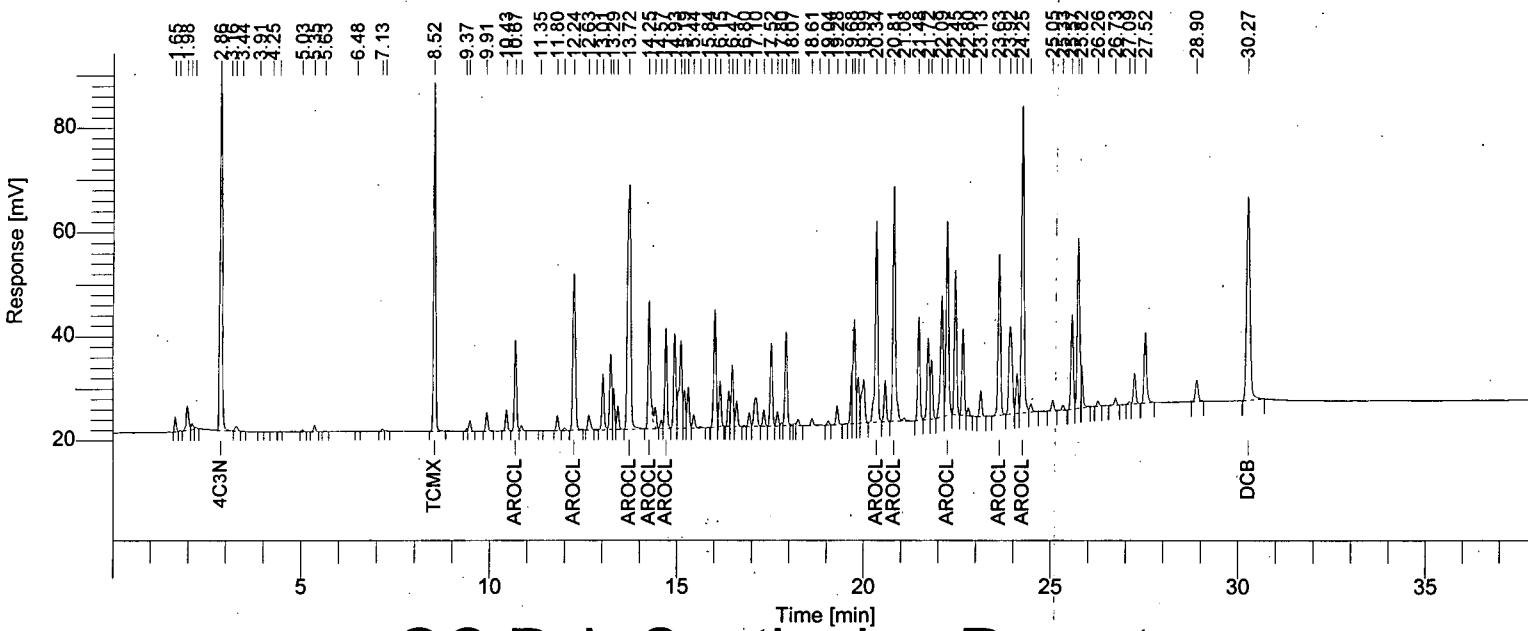
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 42 | 17.51 | Aroclor 1254-1 | 122117 | 0.2076 | 0.000 | ---- |
| 45 | 17.91 | Aroclor 1254-2 | 155713 | 0.2053 | 0.000 | ---- |
| 53 | 19.67 | Aroclor 1254-3 | 218194 | 0.2127 | 0.000 | ---- |
| 59 | 20.81 | Aroclor 1254-4 | 121210 | 0.2145 | 0.000 | ---- |
| 67 | 22.24 | Aroclor 1254-5 | 153426 | 0.2090 | 0.000 | ---- |
| | | | 770660 | 1.0491 | | |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 036
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 10:47:20 AM

Date : 05/20/98 17:44:36 PM
 Sample Name : 0.2UG/ML AR1660
 Study : CCV
 Rack/Vial : 1/36
 Channel : B
 A/D mV Range : 1000
 End Time : 38.00 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 36

Raw Data File : \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_036.raw
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 \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_036.rst
 Proc Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCDATA\HP68901\May\980511320R\681_0511_5460.seq



GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 6 | 2.86 | 4C3N | 296106 | 0.0566 | 0.050 | 13.2 |
| 19 | 8.52 | TCMX | 240449 | 0.0207 | 0.020 | 3.7 |
| | 13.72 | AR1016 | 698529 | 0.2269 | 0.200 | 13.4 |
| | 24.25 | AR1260 | 964213 | 0.2200 | 0.200 | 10.0 |
| 102 | 30.27 | DCB | 249679 | 0.0223 | 0.020 | 11.3 |
| | | | 2448975 | 0.5465 | | |

05/20/98 17:44:36 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_036.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 24 | 10.67 | Aroclor 1016-1 | 69012 | 0.2236 | 0.000 | ----- |
| 29 | 12.24 | Aroclor 1016-2 | 147894 | 0.2157 | 0.000 | ----- |
| 36 | 13.72 | Aroclor 1016-3 | 291464 | 0.2335 | 0.000 | ----- |
| 37 | 14.25 | Aroclor 1016-4 | 112574 | 0.2258 | 0.000 | ----- |
| 40 | 14.70 | Aroclor 1016-5 | 77585 | 0.2295 | 0.000 | ----- |
| | | | 698529 | 1.1282 | | |

Group Report For : AR1260

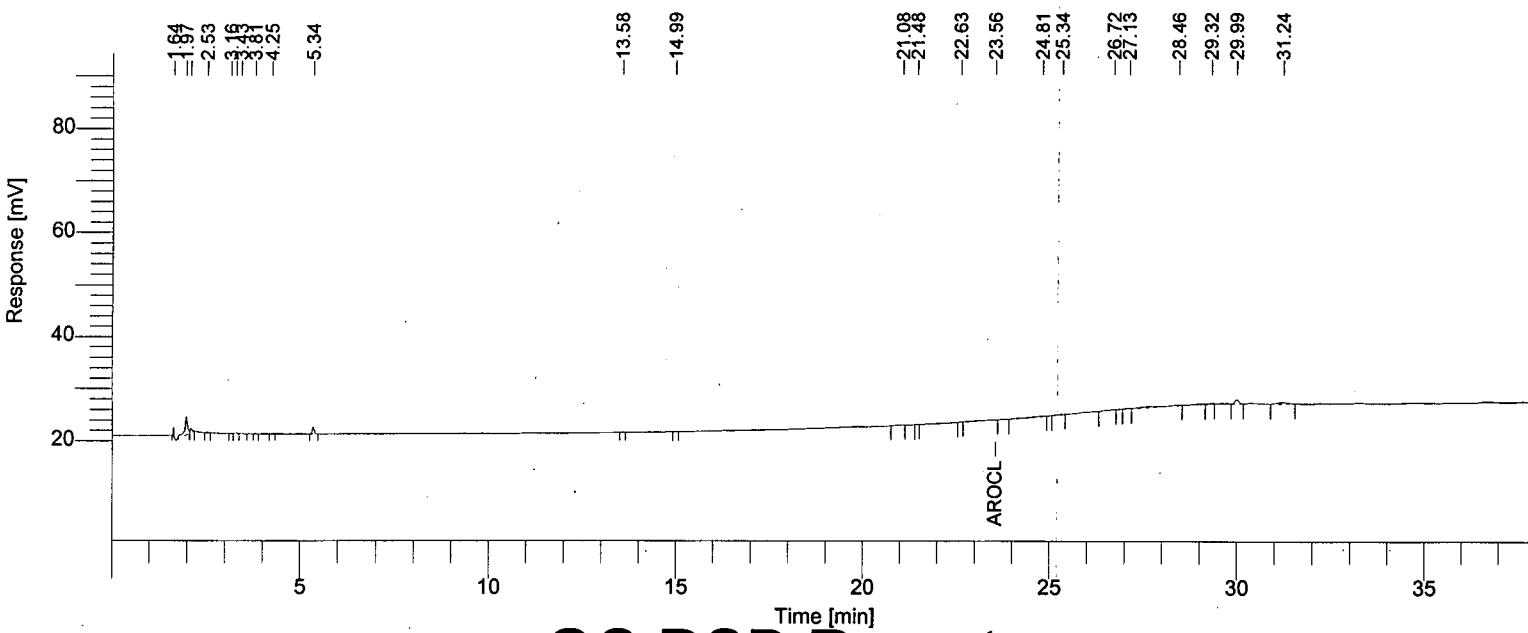
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 73 | 20.34 | Aroclor 1260-1 | 186443 | 0.2154 | 0.000 | ----- |
| 75 | 20.81 | Aroclor 1260-2 | 207718 | 0.2184 | 0.000 | ----- |
| 81 | 22.24 | Aroclor 1260-3 | 166203 | 0.2199 | 0.000 | ----- |
| 86 | 23.63 | Aroclor 1260-4 | 141045 | 0.2208 | 0.000 | ----- |
| 89 | 24.25 | Aroclor 1260-5 | 262805 | 0.2242 | 0.000 | ----- |
| | | | 964213 | 1.0987 | | |

Software Version : 6.0.2:G11
 Operator : NEARYR
 Sample Number : 038
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 14:43:17 PM

Date : 05/20/98 17:44:46 PM
 Sample Name : HEXANE
 Study :
 Rack/Vial : 1/38
 Channel : B
 A/D mV Range : 1000
 End Time : 38.00 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 38

Raw Data File : \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_038.raw
 Result File : \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_038.rst
 Inst Method : \\gcsrv1\TCDATA\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_038.rst
 Proc Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCDATA\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 23.56 | AR1260 | | 2796 | 0.0006 |

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 10.66 | Aroclor 1016-1 | 0 | 0.0000 |
| 0 | 12.23 | Aroclor 1016-2 | 0 | 0.0000 |
| 0 | 13.71 | Aroclor 1016-3 | 0 | 0.0000 |
| 0 | 14.24 | Aroclor 1016-4 | 0 | 0.0000 |
| 0 | 14.69 | Aroclor 1016-5 | 0 | 0.0000 |

334

05/20/98 17:44:46 PM Result:
\\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_038.rst

Group Report For : AR1260

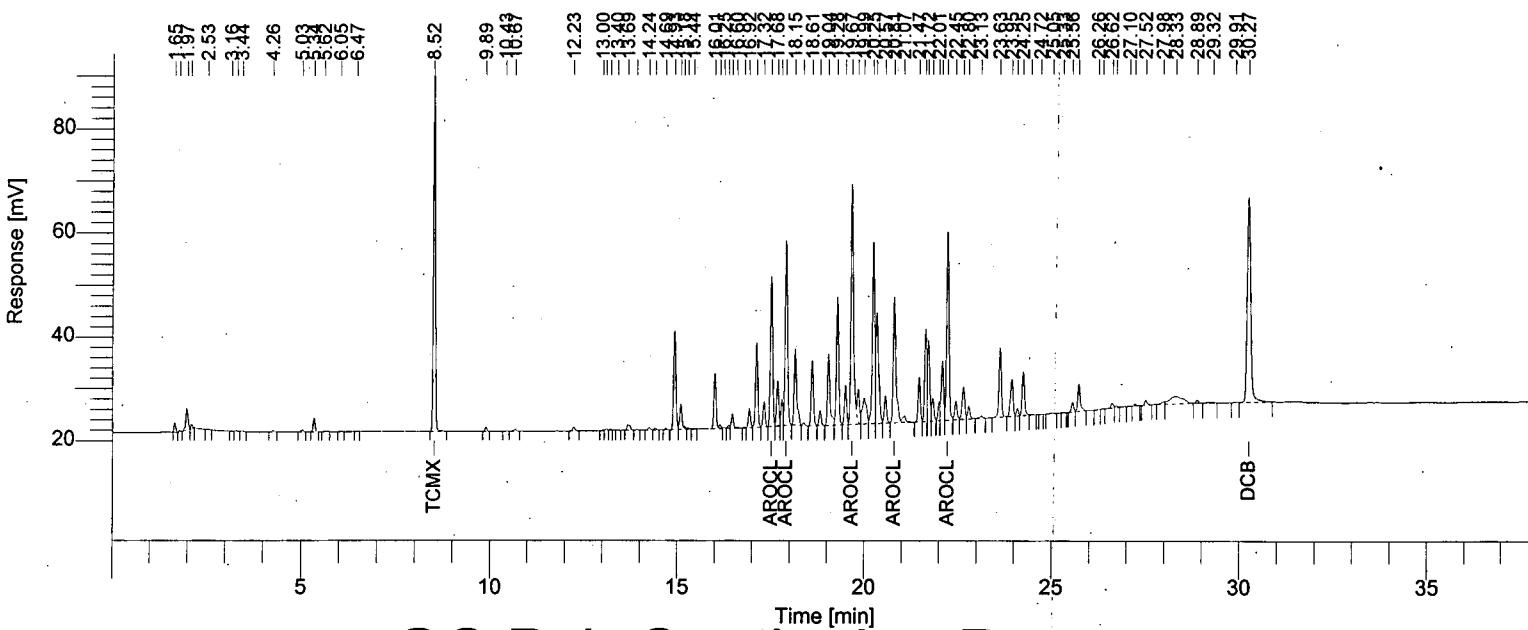
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 20.33 | Aroclor 1260-1 | 0 | 0.0000 |
| 0 | 20.80 | Aroclor 1260-2 | 0 | 0.0000 |
| 0 | 22.23 | Aroclor 1260-3 | 0 | 0.0000 |
| 16 | 23.56 | Aroclor 1260-4 | 2796 | 0.0044 |
| 0 | 24.24 | Aroclor 1260-5 | 0 | 0.0000 |

Software Version : 6.0.2:G11
 Operator : NEARYR
 Sample Number : 039
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 15:25:53 PM

Date : 05/20/98 17:44:51 PM
 Sample Name : 0.2UG/ML AR1254
 Study : CCV
 Rack/Vial : 1/39
 Channel : B
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 39

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_039.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_039.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_039.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 15 | 8.52 | TCMX | 252120 | 0.0233 | 0.020 | 16.4 |
| | 19.67 | AR1254 | 780872 | 0.2127 | 0.200 | 6.3 |
| 96 | 30.27 | DCB | 257766 | 0.0224 | 0.020 | 11.8 |
| | | | 1290759 | 0.2583 | | |

05/20/98 17:44:51 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_039.rst

Group Report For : AR1254

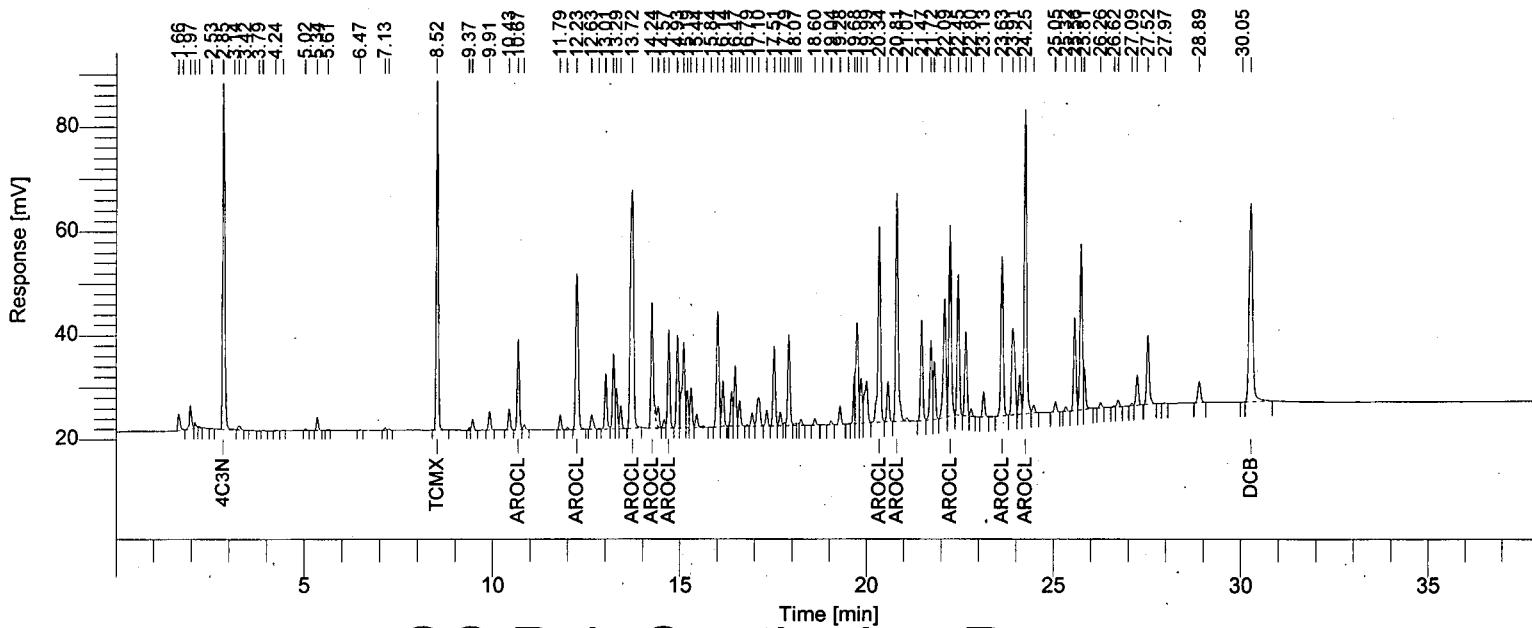
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 44 | 17.51 | Aroclor 1254-1 | 123241 | 0.2095 | 0.000 | ----- |
| 47 | 17.91 | Aroclor 1254-2 | 156586 | 0.2064 | 0.000 | ----- |
| 55 | 19.67 | Aroclor 1254-3 | 219695 | 0.2142 | 0.000 | ----- |
| 61 | 20.81 | Aroclor 1254-4 | 121828 | 0.2156 | 0.000 | ----- |
| 69 | 22.23 | Aroclor 1254-5 | 159523 | 0.2173 | 0.000 | ----- |
| | | | 780872 | 1.0630 | | |

Software Version : 6.0.2:G11
 Operator : NEARYR
 Sample Number : 040
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 16:08:25 PM

Date : 05/20/98 17:44:57 PM
 Sample Name : 0.2UG/ML AR1660
 Study : CCV
 Rack/Vial : 1/40
 Channel : B
 A/D mV Range : 1000
 End Time : 38.00 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 40

Raw Data File : \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_040.raw
 Result File : \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_040.rst
 Inst Method : \\gcsrv1\TCDATA\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCDATA\HP68901\May\980511320R\1B_0511_040.rst
 Proc Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCDATA\hp68901\methods\681b_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCDATA\HP68901\May\980511320R\681_0511_5460.seq



GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 7 | 2.85 | 4C3N | 264154 | 0.0505 | 0.050 | 1.0 |
| 21 | 8.52 | TCMX | 238683 | 0.0206 | 0.020 | 3.0 |
| | 13.72 | AR1016 | 684900 | 0.2225 | 0.200 | 11.2 |
| | 24.25 | AR1260 | 942076 | 0.2149 | 0.200 | 7.5 |
| 106 | 30.27 | DCB | 245831 | 0.0219 | 0.020 | 9.6 |
| | | | 2375645 | 0.5304 | | |

05/20/98 17:44:57 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_040.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 26 | 10.67 | Aroclor 1016-1 | 68823 | 0.2230 | 0.000 | ---- |
| 30 | 12.23 | Aroclor 1016-2 | 146909 | 0.2143 | 0.000 | ---- |
| 37 | 13.72 | Aroclor 1016-3 | 282815 | 0.2266 | 0.000 | ---- |
| 38 | 14.24 | Aroclor 1016-4 | 110401 | 0.2215 | 0.000 | ---- |
| 41 | 14.69 | Aroclor 1016-5 | 75953 | 0.2247 | 0.000 | ---- |
| | | | 684900 | 1.1100 | | |

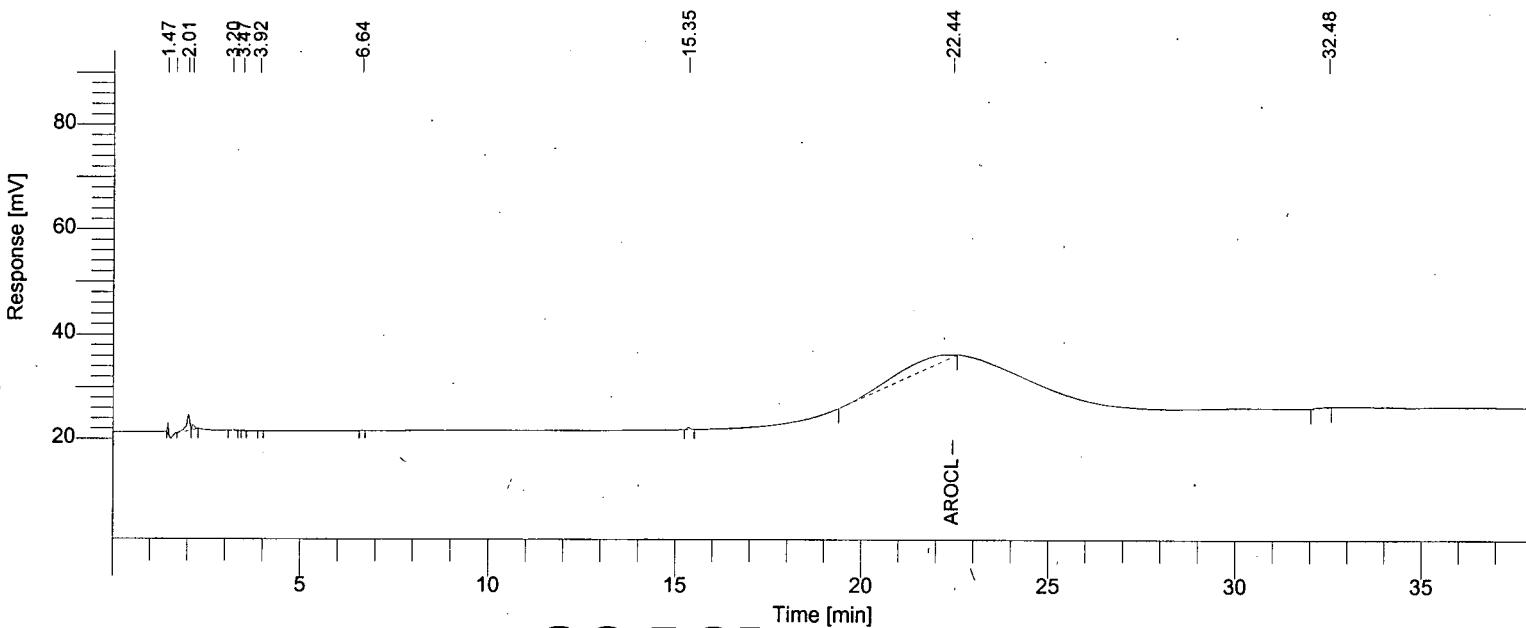
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 74 | 20.34 | Aroclor 1260-1 | 181871 | 0.2101 | 0.000 | ---- |
| 76 | 20.81 | Aroclor 1260-2 | 202755 | 0.2131 | 0.000 | ---- |
| 82 | 22.24 | Aroclor 1260-3 | 161921 | 0.2142 | 0.000 | ---- |
| 87 | 23.63 | Aroclor 1260-4 | 138642 | 0.2171 | 0.000 | ---- |
| 90 | 24.25 | Aroclor 1260-5 | 256887 | 0.2192 | 0.000 | ---- |
| | | | 942076 | 1.0737 | | |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 001
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 09:19:02 AM

Date : 05/12/98 14:35:06 PM
 Sample Name : HEXANE
 Study :
 Rack/Vial : 1/1
 Channel : A
 A/D mV Range : 1000
 End Time : 37.97 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_001.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_001.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_001.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 22.44 | AR1254 | | 198810 | 0.0469 |

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 17.66 | Aroclor 1254-1 | 0 | 0.0000 |
| 0 | 18.46 | Aroclor 1254-2 | 0 | 0.0000 |
| 0 | 19.79 | Aroclor 1254-3 | 0 | 0.0000 |
| 0 | 20.69 | Aroclor 1254-4 | 0 | 0.0000 |
| 10 | 22.44 | Aroclor 1254-5 | 198810 | 0.2473 |

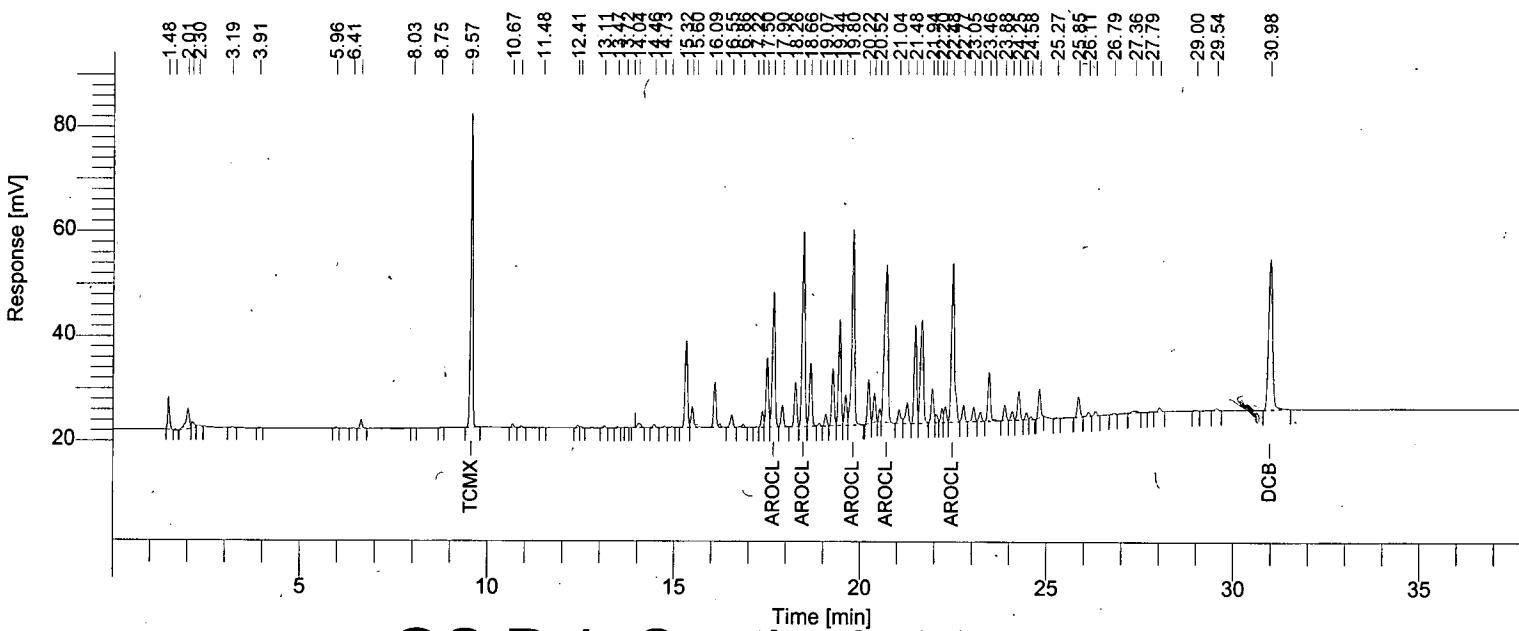
340

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 002
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 10:01:36 AM

Date : 05/12/98 14:35:11 PM
 Sample Name : 0.2ug/ml AR1254
 Study : 8082 CCV
 Rack/Vial : 1/2
 Channel : A
 A/D mV Range : 1000
 End Time : 38.00 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_002.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_002.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_002.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511R.seq



GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|----------------|
| 13 | 9.57 | TCMX | 238516 | 0.0227 | 0.020 | 13.4 |
| | 19.80 | AR1254 | 876541 | 0.2066 | 0.200 | 3.3 |
| 82 | 30.98 | DCB | 214225 | 0.0198 | 0.020 | -0.8 |
| | | | | | | 1329282 0.2491 |

05/12/98 14:35:11 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_002.rst

Group Report For : AR1254

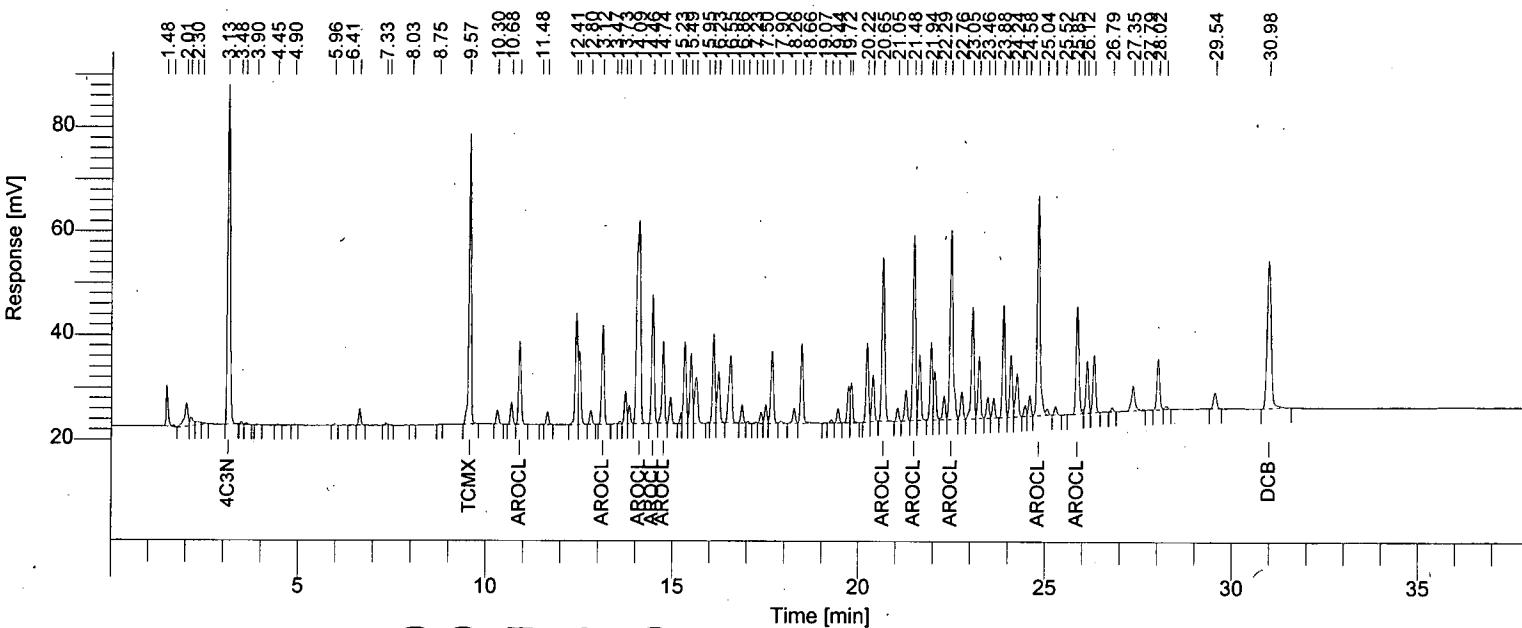
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 37 | 17.67 | Aroclor 1254-1 | 129353 | 0.2071 | 0.000 | ----- |
| 40 | 18.46 | Aroclor 1254-2 | 183271 | 0.2023 | 0.000 | ----- |
| 47 | 19.80 | Aroclor 1254-3 | 191104 | 0.2085 | 0.000 | ----- |
| 51 | 20.70 | Aroclor 1254-4 | 202404 | 0.2040 | 0.000 | ----- |
| 60 | 22.48 | Aroclor 1254-5 | 170409 | 0.2120 | 0.000 | ----- |
| | | | 876541 | 1.0339 | | |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 003
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 10:44:11 AM

Date : 05/12/98 14:35:17 PM
 Sample Name : 0.2ug/ml AR1660
 Study : 8082 CCV
 Rack/Vial : 1/3
 Channel : A
 A/D mV Range : 1000
 End Time : 38.00 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 3

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_003.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_003.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_003.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511R.seq



GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 7 | 3.13 | 4C3N | 305129 | 0.0515 | 0.050 | 3.0 |
| 20 | 9.57 | TCMX | 231972 | 0.0193 | 0.020 | -3.6 |
| | 14.09 | AR1016 | 631143 | 0.2093 | 0.200 | 4.7 |
| | 24.81 | AR1260 | 868068 | 0.2096 | 0.200 | 4.8 |
| 98 | 30.98 | DCB | 212514 | 0.0197 | 0.020 | -1.3 |
| | | | 2248826 | 0.5095 | | |

05/12/98 14:35:17 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_003.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 23 | 10.90 | Aroclor 1016-1 | 73050 | 0.2095 | 0.000 | ----- |
| 29 | 13.12 | Aroclor 1016-2 | 88328 | 0.2114 | 0.000 | ----- |
| 34 | 14.09 | Aroclor 1016-3 | 280281 | 0.2093 | 0.000 | ----- |
| 35 | 14.46 | Aroclor 1016-4 | 116872 | 0.2088 | 0.000 | ----- |
| 36 | 14.74 | Aroclor 1016-5 | 72611 | 0.2073 | 0.000 | ----- |
| | | | 631143 | 1.0463 | | |

Group Report For : AR1260

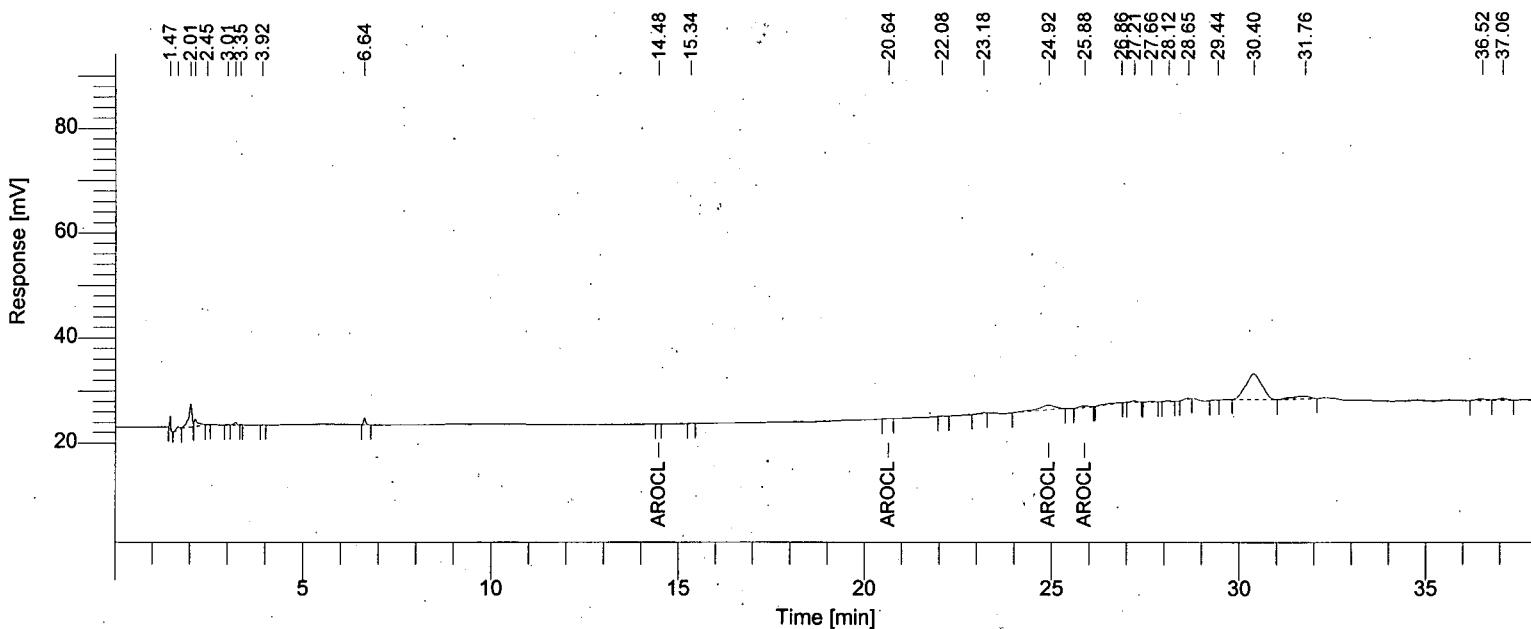
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 64 | 20.65 | Aroclor 1260-1 | 163793 | 0.2062 | 0.000 | ----- |
| 67 | 21.48 | Aroclor 1260-2 | 172601 | 0.2077 | 0.000 | ----- |
| 72 | 22.48 | Aroclor 1260-3 | 203137 | 0.2097 | 0.000 | ----- |
| 83 | 24.81 | Aroclor 1260-4 | 219418 | 0.2100 | 0.000 | ----- |
| 87 | 25.85 | Aroclor 1260-5 | 109119 | 0.2174 | 0.000 | ----- |
| | | | 868068 | 1.0509 | | |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 014
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 19:09:19 PM

Date : 05/20/98 17:42:30 PM
 Sample Name : HEXANE
 Study :
 Rack/Vial : 1/14
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 14

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_014.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_014.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_014.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 14.48 | AR1016 | 286 | 0.0001 | |
| 24.92 | AR1260 | 35007 | 0.0085 | |

05/20/98 17:42:30 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_014.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 10.90 | Aroclor 1016-1 | 0 | 0.0000 |
| 0 | 13.11 | Aroclor 1016-2 | 0 | 0.0000 |
| 0 | 14.08 | Aroclor 1016-3 | 0 | 0.0000 |
| 11 | 14.48 | Aroclor 1016-4 | 286 | 0.0005 |
| 0 | 14.73 | Aroclor 1016-5 | 0 | 0.0000 |

Group Report For : AR1260

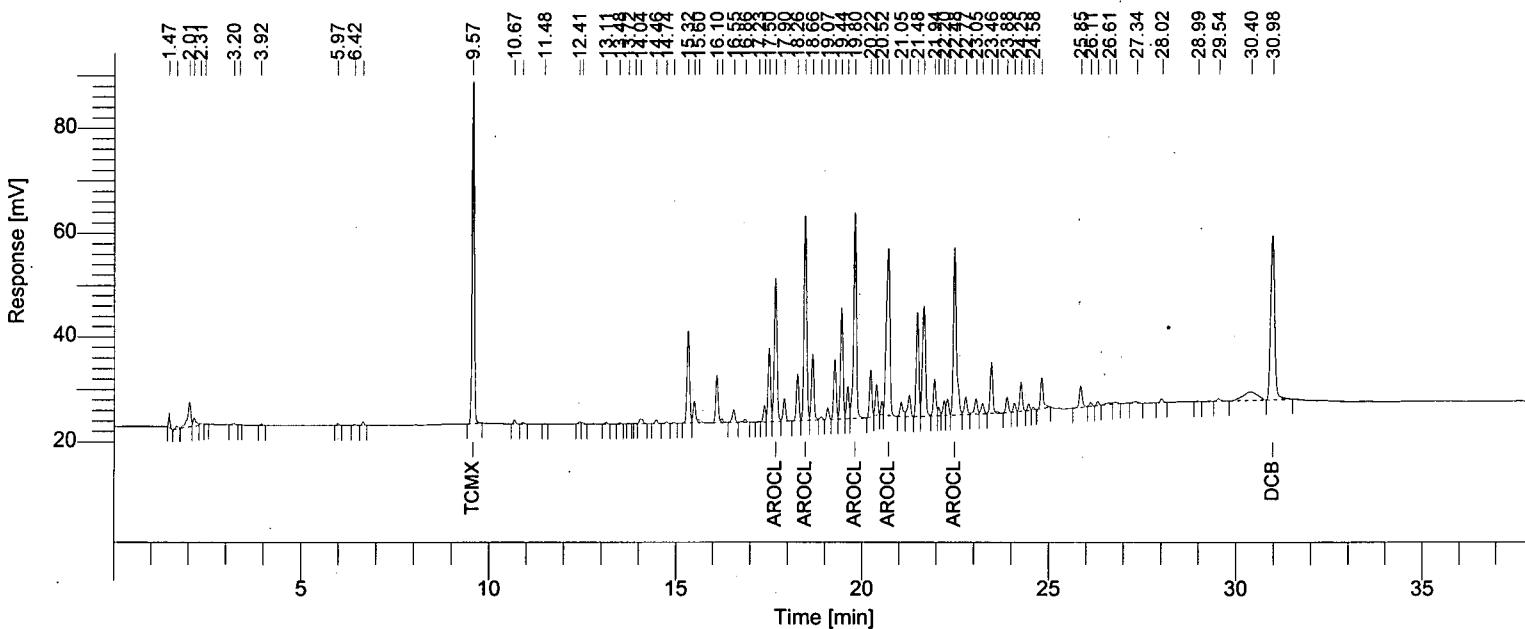
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 13 | 20.64 | Aroclor 1260-1 | 777 | 0.0010 |
| 0 | 21.48 | Aroclor 1260-2 | 0 | 0.0000 |
| 0 | 22.48 | Aroclor 1260-3 | 0 | 0.0000 |
| 16 | 24.92 | Aroclor 1260-4 | 28849 | 0.0276 |
| 17 | 25.88 | Aroclor 1260-5 | 5381 | 0.0107 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 015
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 19:51:53 PM

Date : 05/20/98 17:42:36 PM
 Sample Name : 0.2UG/ML AR1254
 Study : CCV
 Rack/Vial : 1/15
 Channel : A
 A/D mV Range : 1000
 End Time : 37.99 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 15

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_015.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_015.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_015.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 13 | 9.57 | TCMX | 263038 | 0.0250 | 0.020 | 25.1 |
| | 19.80 | AR1254 | 940278 | 0.2216 | 0.200 | 10.8 |
| 82 | 30.98 | DCB | 235895 | 0.0218 | 0.020 | 9.2 |
| | | | 1439211 | 0.2685 | | |

05/20/98 17:42:36 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_015.rst

Group Report For : AR1254

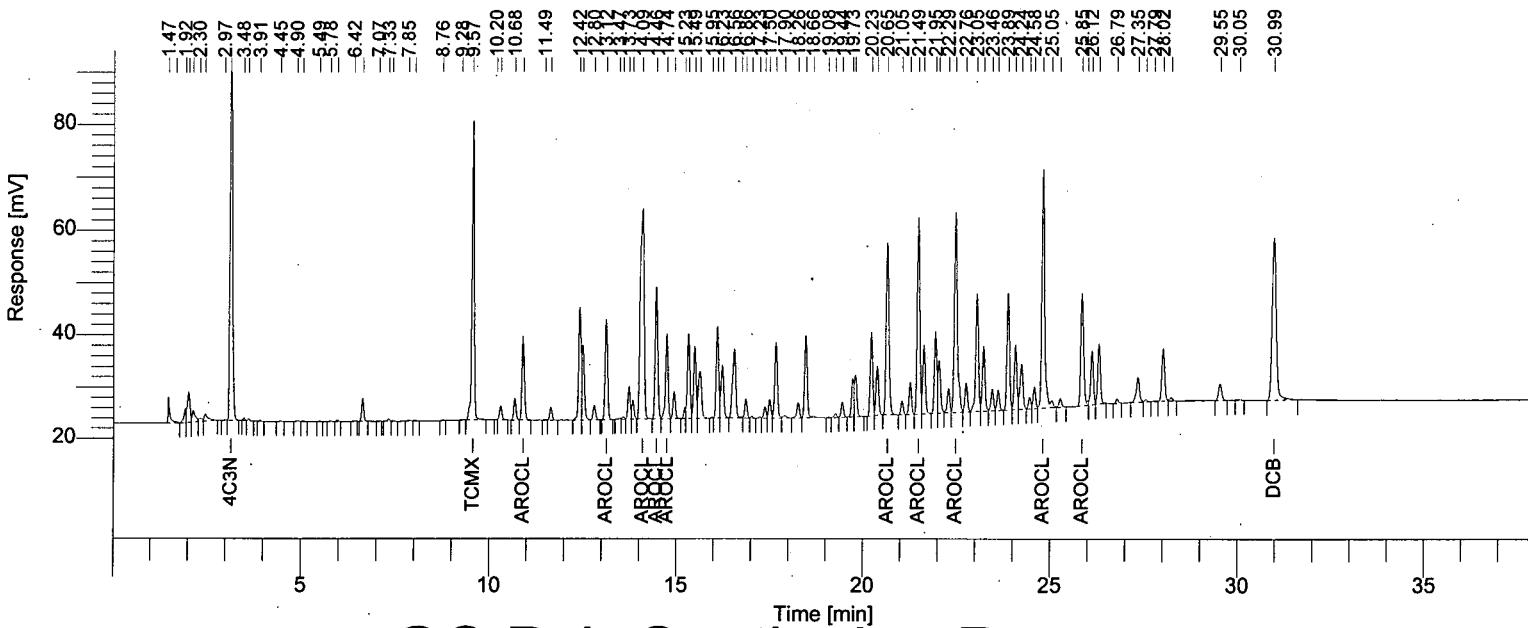
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 37 | 17.67 | Aroclor 1254-1 | 140623 | 0.2252 | 0.000 | ---- |
| 40 | 18.46 | Aroclor 1254-2 | 196715 | 0.2171 | 0.000 | ---- |
| 47 | 19.80 | Aroclor 1254-3 | 204931 | 0.2236 | 0.000 | ---- |
| 51 | 20.70 | Aroclor 1254-4 | 214942 | 0.2166 | 0.000 | ---- |
| 60 | 22.48 | Aroclor 1254-5 | 183067 | 0.2277 | 0.000 | ---- |
| | | | 940278 | 1.1103 | | |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 016
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 20:33:42 PM

Date : 05/20/98 17:42:43 PM
 Sample Name : 02UG/ML AR1660
 Study : CCV
 Rack/Vial : 1/16
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 16

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_016.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_016.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_016.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 9 | 3.13 | 4C3N | 340001 | 0.0574 | 0.050 | 14.8 |
| 28 | 9.57 | TCMX | 240161 | 0.0200 | 0.020 | -0.2 |
| | 14.09 | AR1016 | 648989 | 0.2152 | 0.200 | 7.6 |
| | 24.81 | AR1260 | 925927 | 0.2236 | 0.200 | 11.8 |
| 107 | 30.99 | DCB | 237041 | 0.0220 | 0.020 | 10.1 |
| | | | 2392118 | 0.5382 | | |

05/20/98 17:42:43 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_016.rst

Group Report For : AR1016

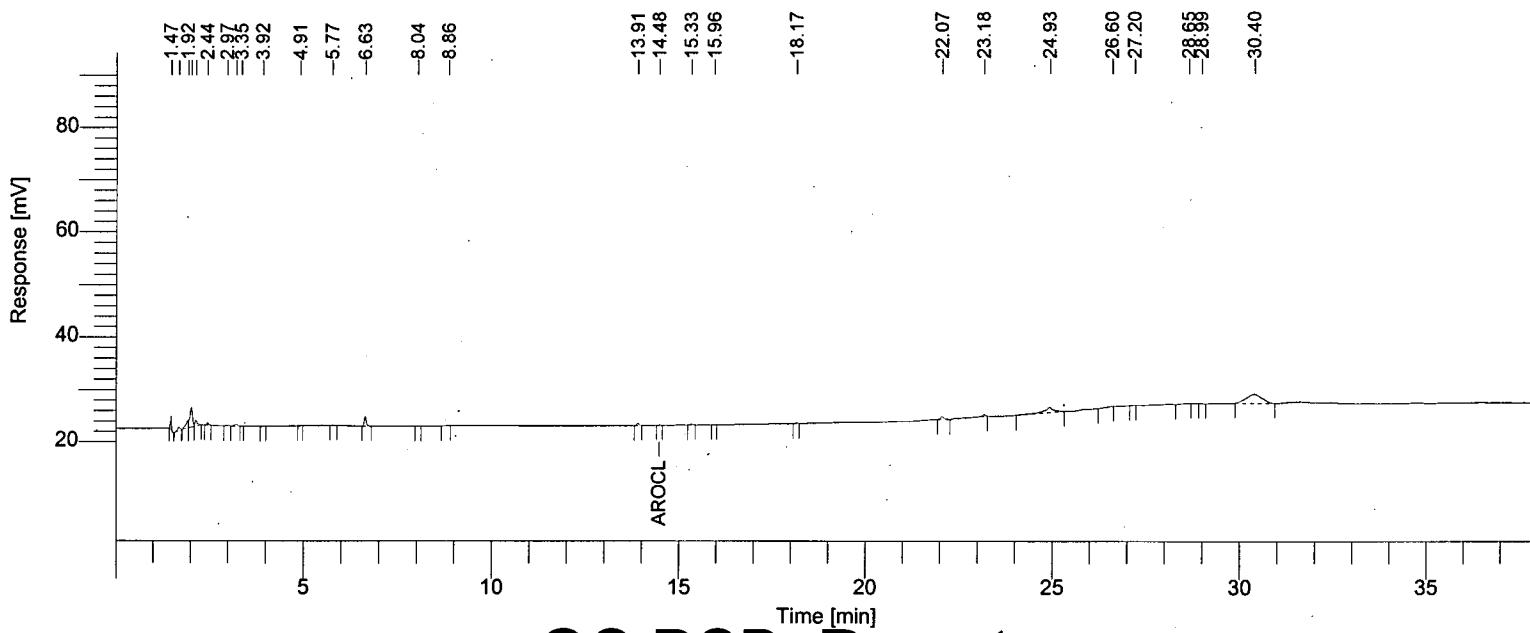
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 32 | 10.90 | Aroclor 1016-1 | 73628 | 0.2111 | 0.000 | ----- |
| 38 | 13.12 | Aroclor 1016-2 | 89744 | 0.2148 | 0.000 | ----- |
| 43 | 14.09 | Aroclor 1016-3 | 287631 | 0.2148 | 0.000 | ----- |
| 44 | 14.46 | Aroclor 1016-4 | 121395 | 0.2169 | 0.000 | ----- |
| 45 | 14.74 | Aroclor 1016-5 | 76590 | 0.2187 | 0.000 | ----- |
| | | | 648989 | 1.0763 | | |

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 73 | 20.65 | Aroclor 1260-1 | 173696 | 0.2186 | 0.000 | ----- |
| 76 | 21.49 | Aroclor 1260-2 | 182995 | 0.2202 | 0.000 | ----- |
| 81 | 22.48 | Aroclor 1260-3 | 216413 | 0.2234 | 0.000 | ----- |
| 92 | 24.81 | Aroclor 1260-4 | 236715 | 0.2265 | 0.000 | ----- |
| 95 | 25.85 | Aroclor 1260-5 | 116109 | 0.2313 | 0.000 | ----- |
| | | | 925927 | 1.1201 | | |

| | | | | | |
|-----------------------|---|----------------------|-----------------|---|----------------------|
| Software Version | : | 6.0.2:G11 | Date | : | 05/20/98 17:43:46 PM |
| Operator | : | ATHERTOND | Sample Name | : | HEXANE |
| Sample Number | : | 027 | Study | : | |
| AutoSampler | : | BUILT-IN | Rack/Vial | : | 1/27 |
| Instrument Name | : | HP68901 | Channel | : | A |
| Instrument Serial # | : | NONE | A/D mV Range | : | 1000 |
| Delay Time | : | 0.00 min | End Time | : | 37.95 min |
| Sampling Rate | : | 5.0000 pts/s | | | |
| Volume Injected | : | 1.000000 μ l | Area Reject | : | 100.000000 |
| Sample Amount | : | 1.0000 | Dilution Factor | : | 1.00 |
| Data Acquisition Time | : | 05/12/98 04:24:07 AM | Cycle | : | 27 |

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_027.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_027.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_027.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2 μ l Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 14.48 | AR1016 | | 339 | 0.0001 |

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 10.90 | Aroclor 1016-1 | 0 | 0.0000 |
| 0 | 13.11 | Aroclor 1016-2 | 0 | 0.0000 |
| 0 | 14.08 | Aroclor 1016-3 | 0 | 0.0000 |
| 17 | 14.48 | Aroclor 1016-4 | 339 | 0.0006 |
| 0 | 14.73 | Aroclor 1016-5 | 0 | 0.0000 |

351

05/20/98 17:43:46 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_027.rst

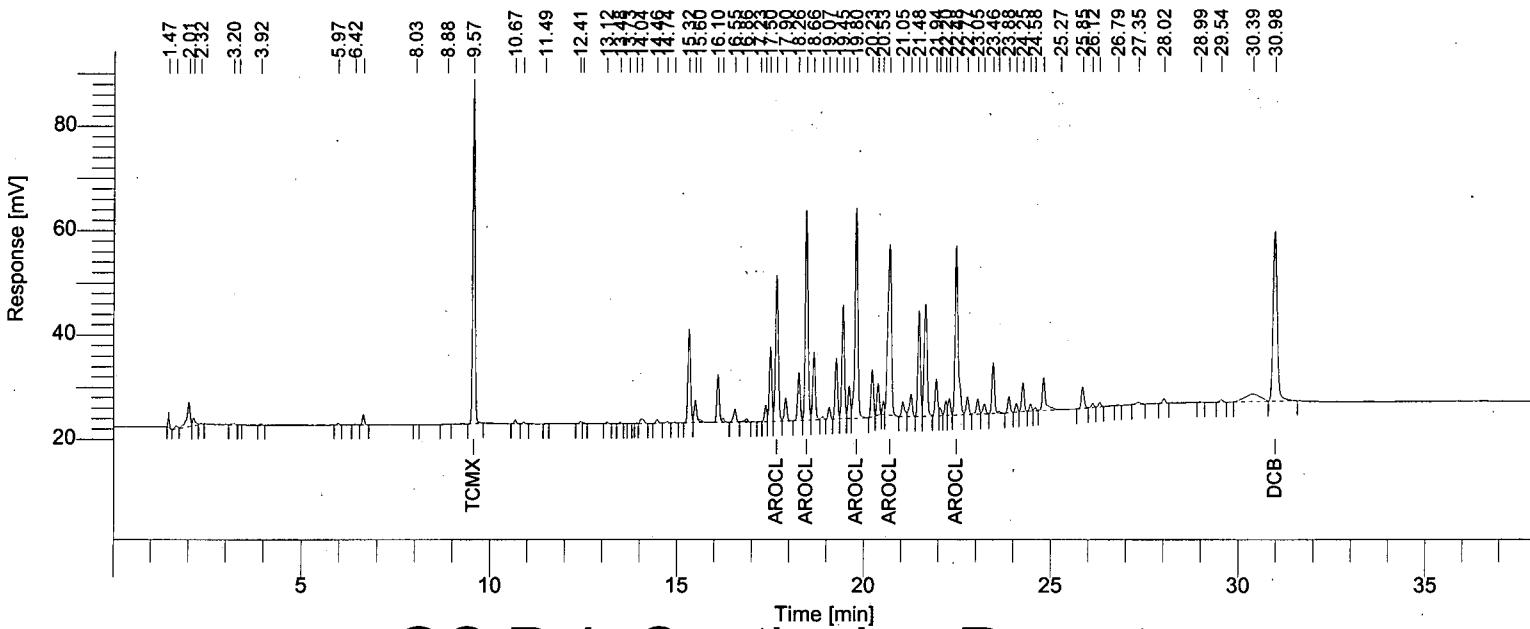
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 |
| 0 | 21.48 | Aroclor 1260-2 | 0 | 0.0000 |
| 0 | 22.48 | Aroclor 1260-3 | 0 | 0.0000 |
| 0 | 24.81 | Aroclor 1260-4 | 0 | 0.0000 |
| 0 | 25.85 | Aroclor 1260-5 | 0 | 0.0000 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 028
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 05:06:43 AM

Date : 05/20/98 17:43:51 PM
 Sample Name : 0.2UG/ML AR1254
 Study :
 Rack/Vial : 1/28
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 28

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_028.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_028.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_028.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 14 | 9.57 | TCMX | 266278 | 0.0253 | 0.020 | 26.6 |
| | 19.80 | AR1254 | 961246 | 0.2265 | 0.200 | 13.3 |
| 83 | 30.98 | DCB | 247838 | 0.0229 | 0.020 | 14.7 |
| | | | 1475362 | 0.2748 | | |

05/20/98 17:43:51 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_028.rst

Group Report For : AR1254

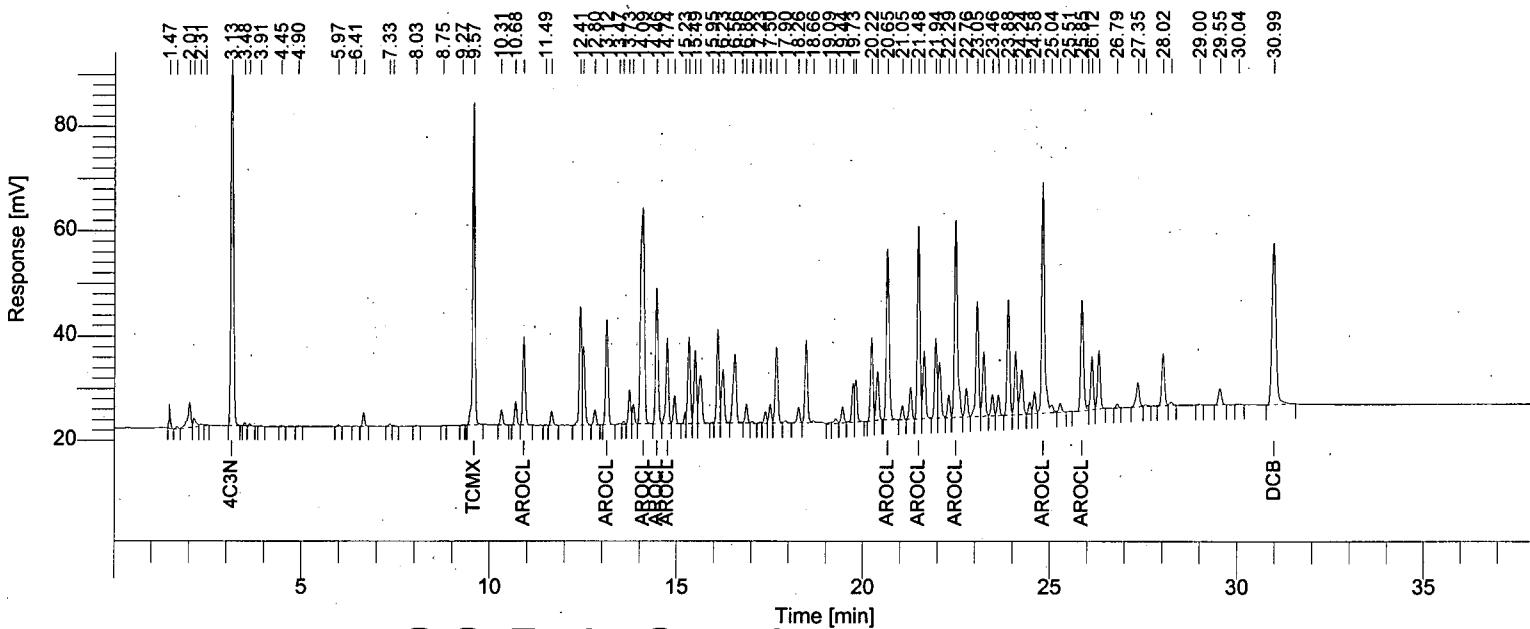
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 38 | 17.67 | Aroclor 1254-1 | 143857 | 0.2304 | 0.000 | ----- |
| 41 | 18.46 | Aroclor 1254-2 | 202149 | 0.2231 | 0.000 | ----- |
| 48 | 19.80 | Aroclor 1254-3 | 209365 | 0.2284 | 0.000 | ----- |
| 52 | 20.70 | Aroclor 1254-4 | 219705 | 0.2214 | 0.000 | ----- |
| 61 | 22.48 | Aroclor 1254-5 | 186170 | 0.2316 | 0.000 | ----- |
| | | | 961246 | 1.1349 | | |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 029
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 μ l
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 05:49:19 AM

Date : 05/20/98 17:43:57 PM
 Sample Name : 0.2UG/ML AR1660
 Study :
 Rack/Vial : 1/29
 Channel : A
 A/D mV Range : 1000
 End Time : 38.00 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 29

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_029.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_029.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_029.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2 μ l Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 7 | 3.13 | 4C3N | 342510 | 0.0578 | 0.050 | 15.6 |
| 21 | 9.57 | TCMX | 258192 | 0.0215 | 0.020 | 7.3 |
| | 14.09 | AR1016 | 667704 | 0.2214 | 0.200 | 10.7 |
| | 24.81 | AR1260 | 915372 | 0.2210 | 0.200 | 10.5 |
| 100 | 30.99 | DCB | 234857 | 0.0218 | 0.020 | 9.1 |
| | | | 2418635 | 0.5436 | | |

05/20/98 17:43:57 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_029.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 24 | 10.90 | Aroclor 1016-1 | 77811 | 0.2231 | 0.000 | ----- |
| 30 | 13.12 | Aroclor 1016-2 | 93641 | 0.2242 | 0.000 | ----- |
| 35 | 14.09 | Aroclor 1016-3 | 293863 | 0.2195 | 0.000 | ----- |
| 36 | 14.46 | Aroclor 1016-4 | 124220 | 0.2219 | 0.000 | ----- |
| 37 | 14.74 | Aroclor 1016-5 | 78169 | 0.2232 | 0.000 | ----- |
| | | | 667704 | 1.1118 | | |

Group Report For : AR1260

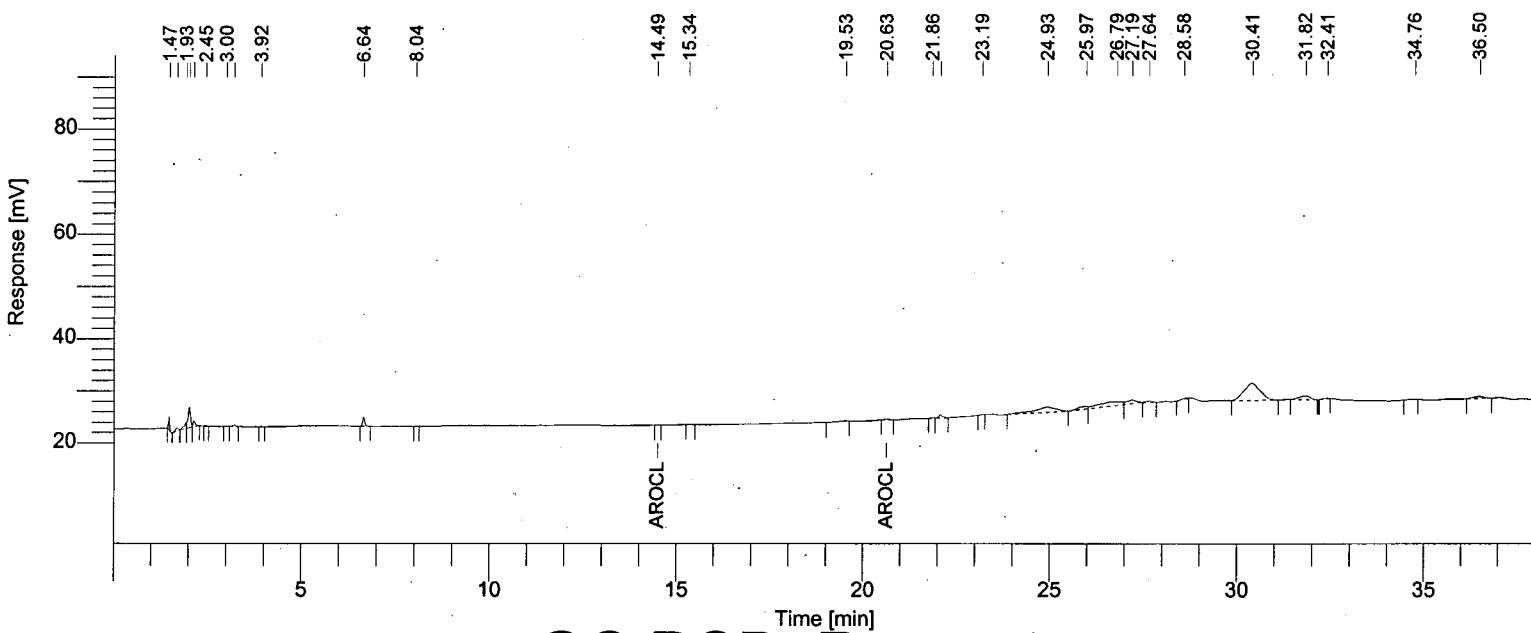
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 65 | 20.65 | Aroclor 1260-1 | 172709 | 0.2174 | 0.000 | ----- |
| 68 | 21.48 | Aroclor 1260-2 | 180802 | 0.2175 | 0.000 | ----- |
| 73 | 22.48 | Aroclor 1260-3 | 212868 | 0.2198 | 0.000 | ----- |
| 84 | 24.81 | Aroclor 1260-4 | 235542 | 0.2254 | 0.000 | ----- |
| 88 | 25.85 | Aroclor 1260-5 | 113450 | 0.2260 | 0.000 | ----- |
| | | | 915372 | 1.1061 | | |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 034
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 μ l
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 09:22:15 AM

Date : 05/20/98 17:44:24 PM
 Sample Name : HEXANE
 Study :
 Rack/Vial : 1/34
 Channel : A
 A/D mV Range : 1000
 End Time : 38.00 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 34

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_034.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_034.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_034.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2 μ l Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 14.49 | AR1016 | | 448 | 0.0001 |
| 20.63 | AR1260 | | 940 | 0.0002 |

05/20/98 17:44:24 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_034.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 10.90 | Aroclor 1016-1 | 0 | 0.0000 |
| 0 | 13.11 | Aroclor 1016-2 | 0 | 0.0000 |
| 0 | 14.08 | Aroclor 1016-3 | 0 | 0.0000 |
| 12 | 14.49 | Aroclor 1016-4 | 448 | 0.0008 |
| 0 | 14.73 | Aroclor 1016-5 | 0 | 0.0000 |

Group Report For : AR1260

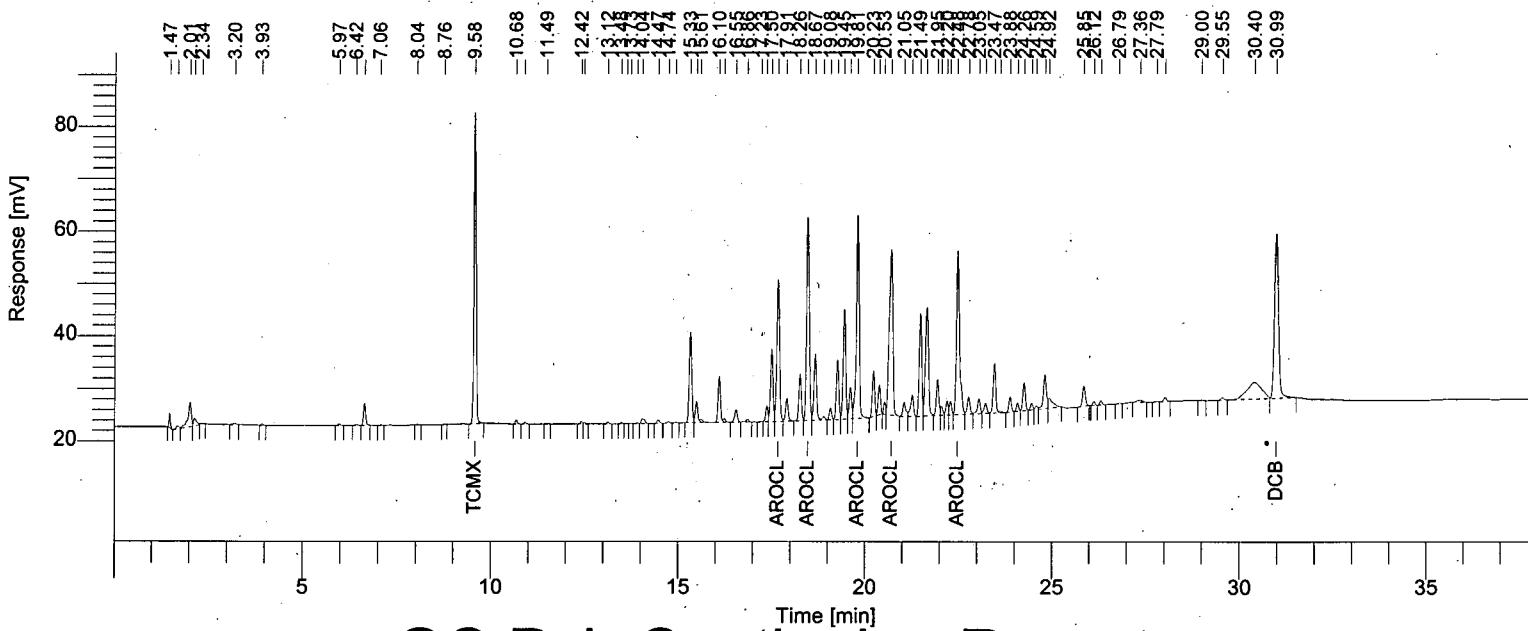
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 15 | 20.63 | Aroclor 1260-1 | 940 | 0.0012 |
| 0 | 21.48 | Aroclor 1260-2 | 0 | 0.0000 |
| 0 | 22.48 | Aroclor 1260-3 | 0 | 0.0000 |
| 0 | 24.81 | Aroclor 1260-4 | 0 | 0.0000 |
| 0 | 25.85 | Aroclor 1260-5 | 0 | 0.0000 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 035
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 10:04:47 AM

Date : 05/20/98 17:44:28 PM
 Sample Name : 0.2UG/ML AR1254
 Study : CCV
 Rack/Vial : 1/35
 Channel : A
 A/D mV Range : 1000
 End Time : 37.95 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 35

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_035.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_035.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_035.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 14 | 9.58 | TCMX | 239833 | 0.0228 | 0.020 | 14.1 |
| | 18.47 | AR1254 | 925698 | 0.2182 | 0.200 | 9.1 |
| 85 | 30.99 | DCB | 234409 | 0.0217 | 0.020 | 8.5 |
| | | | 1399939 | 0.2627 | | |

05/20/98 17:44:28 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_035.rst

Group Report For : AR1254

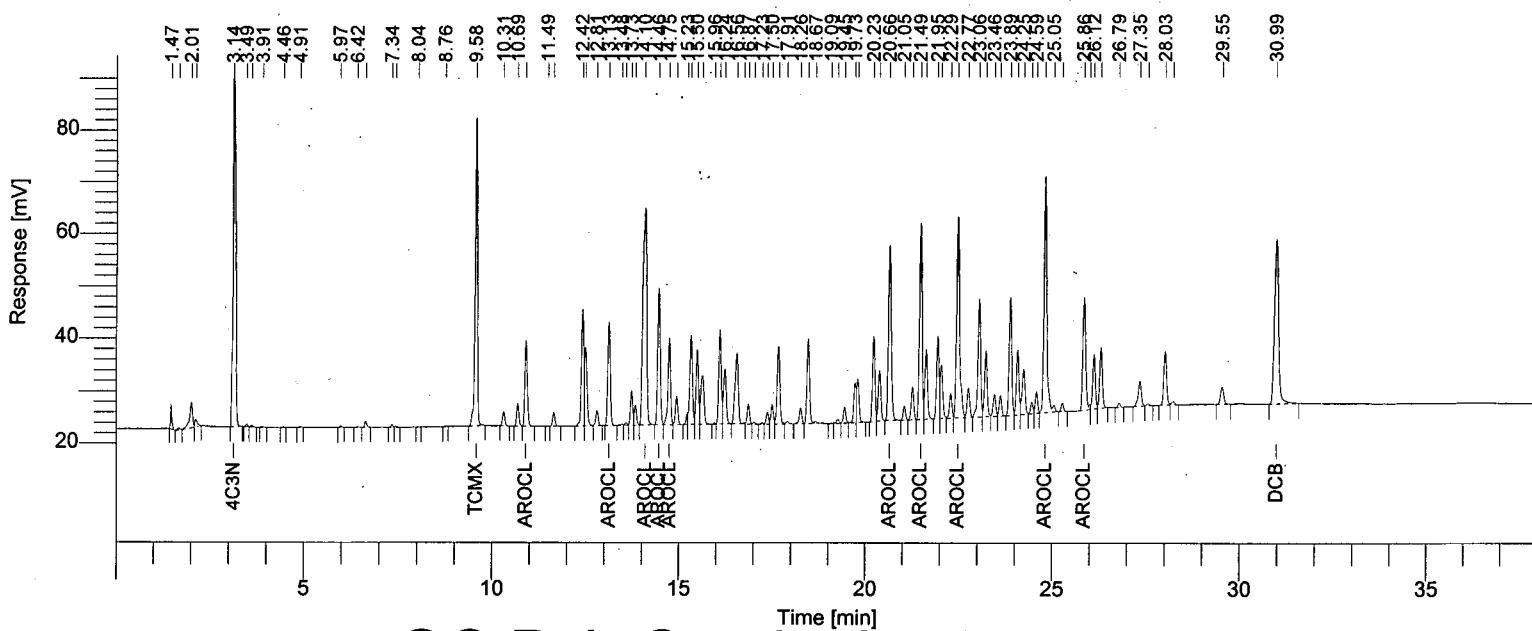
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 39 | 17.67 | Aroclor 1254-1 | 138786 | 0.2222 | 0.000 | ----- |
| 42 | 18.47 | Aroclor 1254-2 | 195659 | 0.2160 | 0.000 | ----- |
| 49 | 19.81 | Aroclor 1254-3 | 200982 | 0.2193 | 0.000 | ----- |
| 53 | 20.71 | Aroclor 1254-4 | 210944 | 0.2126 | 0.000 | ----- |
| 62 | 22.48 | Aroclor 1254-5 | 179327 | 0.2231 | 0.000 | ----- |
| | | | 925698 | 1.0932 | | |

Software Version : 6.0.2;G11
 Operator : ATHERTOND
 Sample Number : 036
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 10:47:20 AM

Date : 05/20/98 17:44:33 PM
 Sample Name : 0.2UG/ML AR1660
 Study : CCV
 Rack/Vial : 1/36
 Channel : A
 A/D mV Range : 1000
 End Time : 38.00 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 36

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_036.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_036.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_036.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 5 | 3.14 | 4C3N | 330593 | 0.0558 | 0.050 | 11.6 |
| 18 | 9.58 | TCMX | 247746 | 0.0206 | 0.020 | 3.0 |
| | 14.10 | AR1016 | 665197 | 0.2206 | 0.200 | 10.3 |
| | 24.82 | AR1260 | 925065 | 0.2234 | 0.200 | 11.7 |
| 94 | 30.99 | DCB | 241265 | 0.0224 | 0.020 | 12.0 |
| | | | 2409866 | 0.5428 | | |

05/20/98 17:44:33 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_036.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 21 | 10.91 | Aroclor 1016-1 | 75476 | 0.2164 | 0.000 | ----- |
| 27 | 13.13 | Aroclor 1016-2 | 92308 | 0.2210 | 0.000 | ----- |
| 32 | 14.10 | Aroclor 1016-3 | 295158 | 0.2204 | 0.000 | ----- |
| 33 | 14.46 | Aroclor 1016-4 | 124115 | 0.2217 | 0.000 | ----- |
| 34 | 14.75 | Aroclor 1016-5 | 78140 | 0.2231 | 0.000 | ----- |
| | | | 665197 | 1.1026 | | |

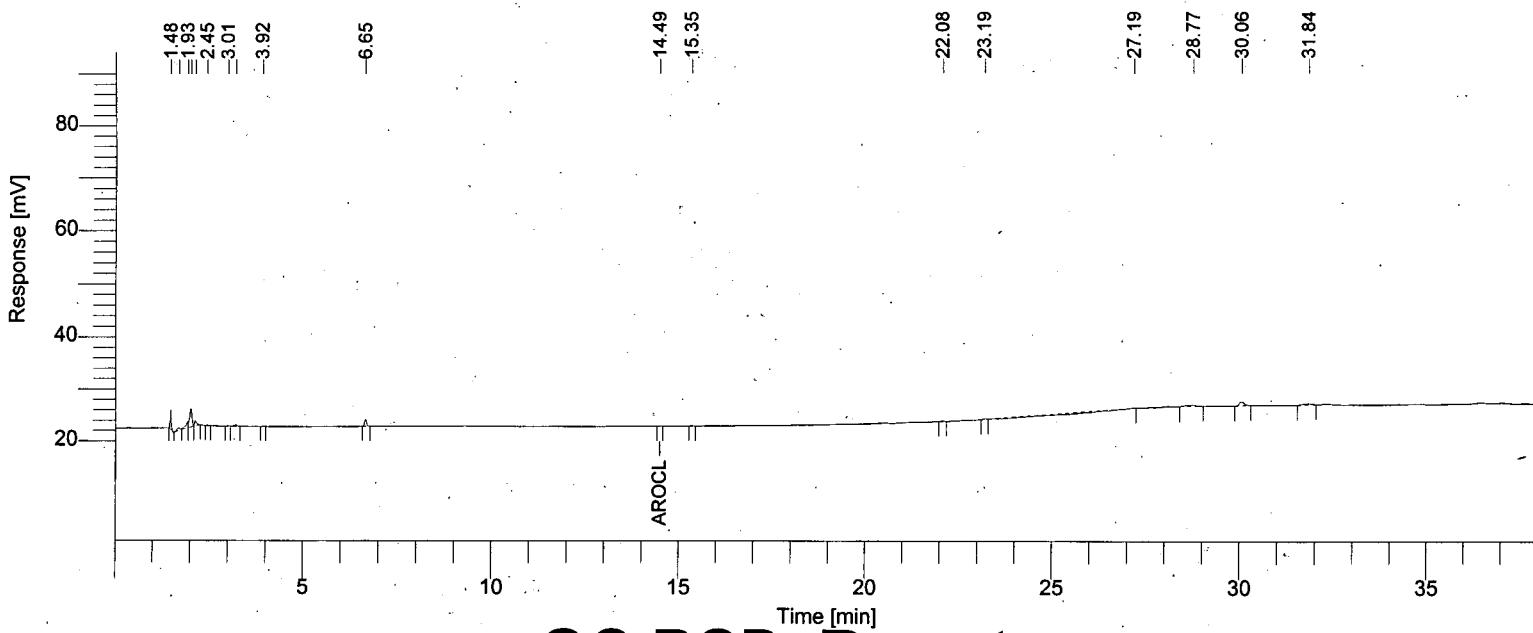
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 62 | 20.66 | Aroclor 1260-1 | 175889 | 0.2214 | 0.000 | ----- |
| 65 | 21.49 | Aroclor 1260-2 | 183825 | 0.2212 | 0.000 | ----- |
| 70 | 22.48 | Aroclor 1260-3 | 216531 | 0.2235 | 0.000 | ----- |
| 81 | 24.82 | Aroclor 1260-4 | 233630 | 0.2236 | 0.000 | ----- |
| 84 | 25.86 | Aroclor 1260-5 | 115189 | 0.2295 | 0.000 | ----- |
| | | | 925065 | 1.1192 | | |

Software Version : 6.0.2:G11
 Operator : NEARYR
 Sample Number : 038
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 14:43:17 PM

Date : 05/20/98 17:44:44 PM
 Sample Name : HEXANE
 Study :
 Rack/Vial : 1/38
 Channel : A
 A/D mV Range : 1000
 End Time : 38.00 min
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 38

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_038.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_038.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_038.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj. Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| | 14.49 | AR1016 | 211 | 0.0001 |

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 10.90 | Aroclor 1016-1 | 0 | 0.0000 |
| 0 | 13.11 | Aroclor 1016-2 | 0 | 0.0000 |
| 0 | 14.08 | Aroclor 1016-3 | 0 | 0.0000 |
| 11 | 14.49 | Aroclor 1016-4 | 211 | 0.0004 |
| 0 | 14.73 | Aroclor 1016-5 | 0 | 0.0000 |

05/20/98 17:44:44 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_038.rst

Group Report For : AR1260

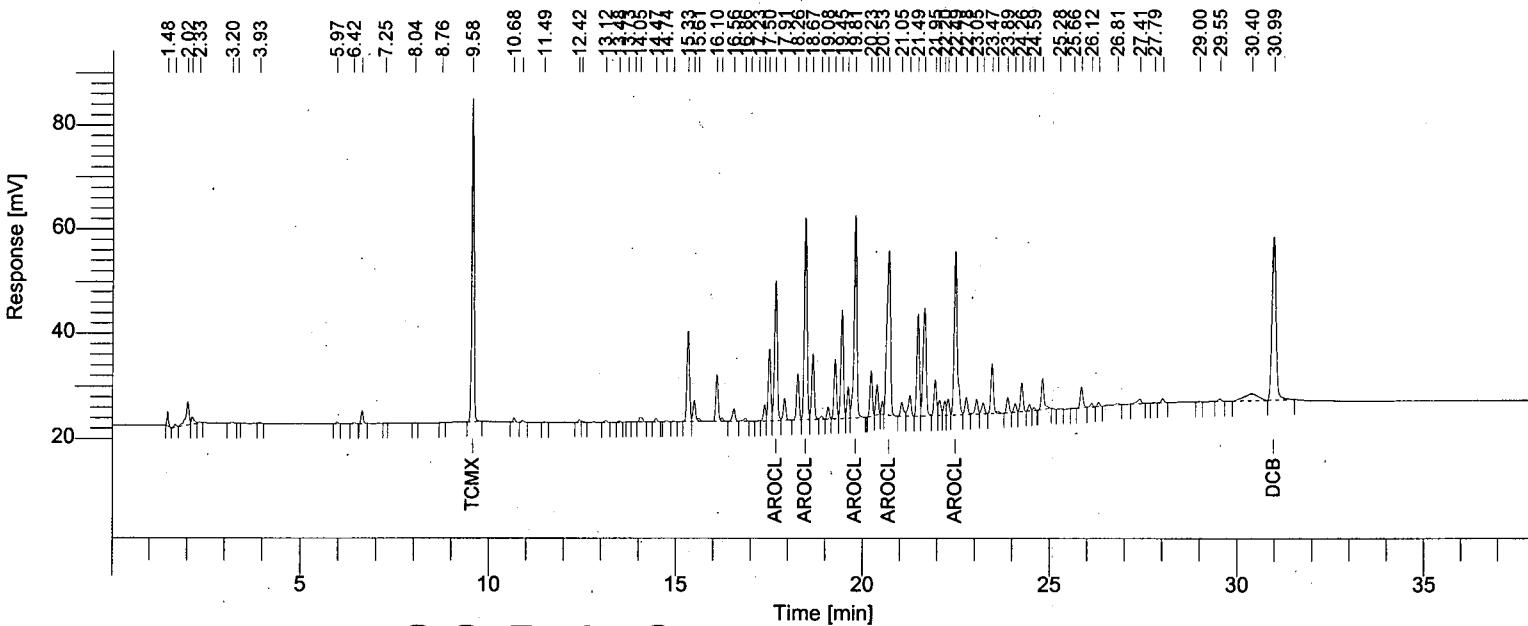
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount |
|--------|----------------|----------------|---------------|------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 |
| 0 | 21.48 | Aroclor 1260-2 | 0 | 0.0000 |
| 0 | 22.48 | Aroclor 1260-3 | 0 | 0.0000 |
| 0 | 24.81 | Aroclor 1260-4 | 0 | 0.0000 |
| 0 | 25.85 | Aroclor 1260-5 | 0 | 0.0000 |

Software Version : 6.0.2:G11
 Operator : NEARYR
 Sample Number : 039
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 15:25:53 PM

Date : 05/20/98 17:44:49 PM
 Sample Name : 0.2UG/ML AR1254
 Study : CCV
 Rack/Vial : 1/39
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 39

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_039.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_039.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_039.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 15 | 9.58 | TCMX | 248216 | 0.0236 | 0.020 | 18.0 |
| | 19.81 | AR1254 | 916146 | 0.2159 | 0.200 | 8.0 |
| 87 | 30.99 | DCB | 234653 | 0.0217 | 0.020 | 8.6 |
| | | | 1399015 | 0.2612 | | |

05/20/98 17:44:49 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_039.rst

Group Report For : AR1254

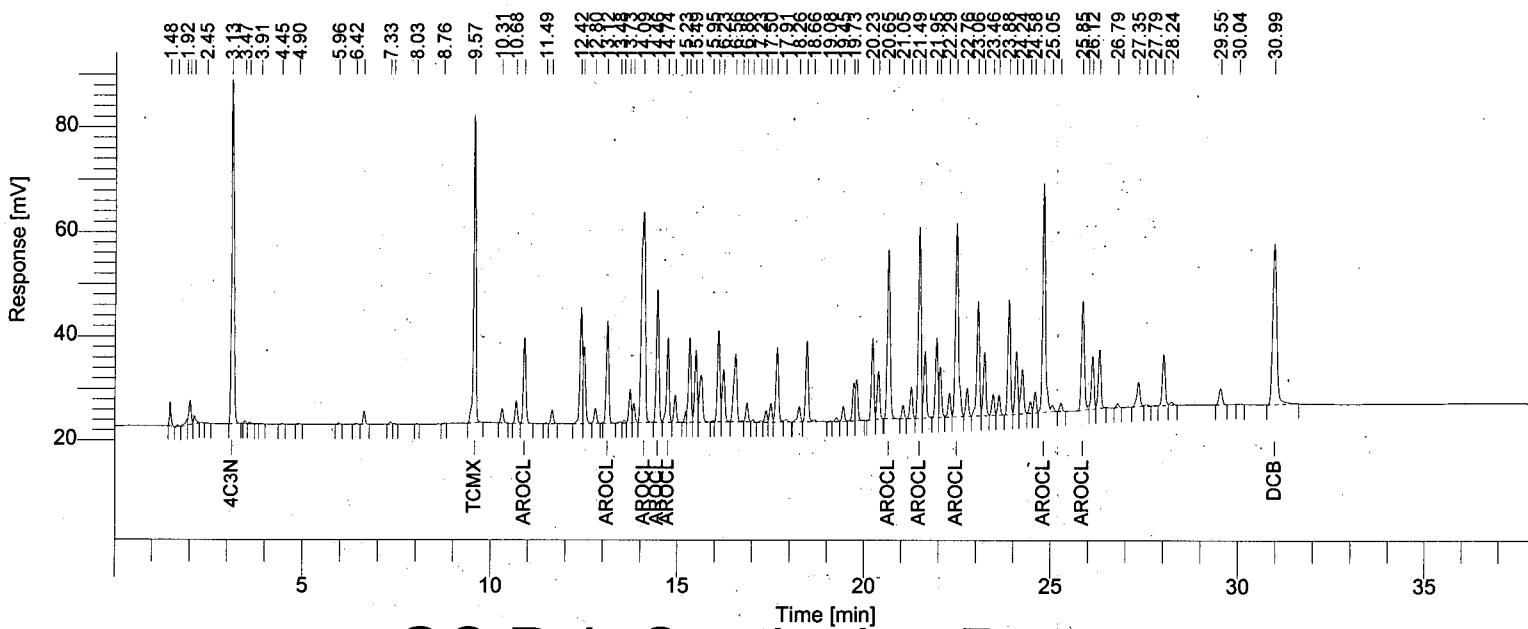
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 40 | 17.67 | Aroclor 1254-1 | 136686 | 0.2189 | 0.000 | ----- |
| 43 | 18.47 | Aroclor 1254-2 | 192426 | 0.2124 | 0.000 | ----- |
| 50 | 19.81 | Aroclor 1254-3 | 198835 | 0.2169 | 0.000 | ----- |
| 54 | 20.71 | Aroclor 1254-4 | 210136 | 0.2118 | 0.000 | ----- |
| 63 | 22.49 | Aroclor 1254-5 | 178062 | 0.2215 | 0.000 | ----- |
| | | | 916146 | 1.0815 | | |

Software Version : 6.0.2:G11
 Operator : NEARYR
 Sample Number : 040
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/12/98 16:08:25 PM

Date : 05/20/98 17:44:54 PM
 Sample Name : 02UG/ML AR1660
 Study : CCV
 Rack/Vial : 1/40
 Channel : A
 A/D mV Range : 1000
 End Time : 38.00 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 40

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_040.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_040.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_040.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 7 | 3.13 | 4C3N | 295300 | 0.0498 | 0.050 | -0.3 |
| 20 | 9.57 | TCMX | 246131 | 0.0205 | 0.020 | 2.3 |
| | 14.09 | AR1016 | 654345 | 0.2170 | 0.200 | 8.5 |
| | 24.81 | AR1260 | 899279 | 0.2172 | 0.200 | 8.6 |
| 98 | 30.99 | DCB | 232749 | 0.0216 | 0.020 | 8.1 |
| | | | 2327804 | 0.5261 | | |

05/20/98 17:44:54 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_040.rst

Group Report For : AR1016

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 23 | 10.90 | Aroclor 1016-1 | 75607 | 0.2168 | 0.000 | ----- |
| 29 | 13.12 | Aroclor 1016-2 | 91470 | 0.2190 | 0.000 | ----- |
| 34 | 14.09 | Aroclor 1016-3 | 289023 | 0.2159 | 0.000 | ----- |
| 35 | 14.46 | Aroclor 1016-4 | 121750 | 0.2175 | 0.000 | ----- |
| 36 | 14.74 | Aroclor 1016-5 | 76495 | 0.2184 | 0.000 | ----- |
| | | | 654345 | 1.0875 | | |

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Expected Amt. (ug/mL) | % Difference |
|--------|----------------|----------------|---------------|------------|-----------------------|--------------|
| 64 | 20.65 | Aroclor 1260-1 | 169861 | 0.2138 | 0.000 | ----- |
| 67 | 21.49 | Aroclor 1260-2 | 178230 | 0.2144 | 0.000 | ----- |
| 72 | 22.48 | Aroclor 1260-3 | 210176 | 0.2170 | 0.000 | ----- |
| 83 | 24.81 | Aroclor 1260-4 | 228496 | 0.2186 | 0.000 | ----- |
| 86 | 25.85 | Aroclor 1260-5 | 112516 | 0.2242 | 0.000 | ----- |
| | | | 899279 | 1.0881 | | |

1D
PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: E & E INC.

Contract:

PBLKS1

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Matrix: (soil/water) SOIL Lab Sample ID: 1338-17-1

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: decanted: (Y/N) Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/07/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/11/98

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) Y

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) | UG/KG | Q |
|---------|----------|---|-------|---|
|---------|----------|---|-------|---|

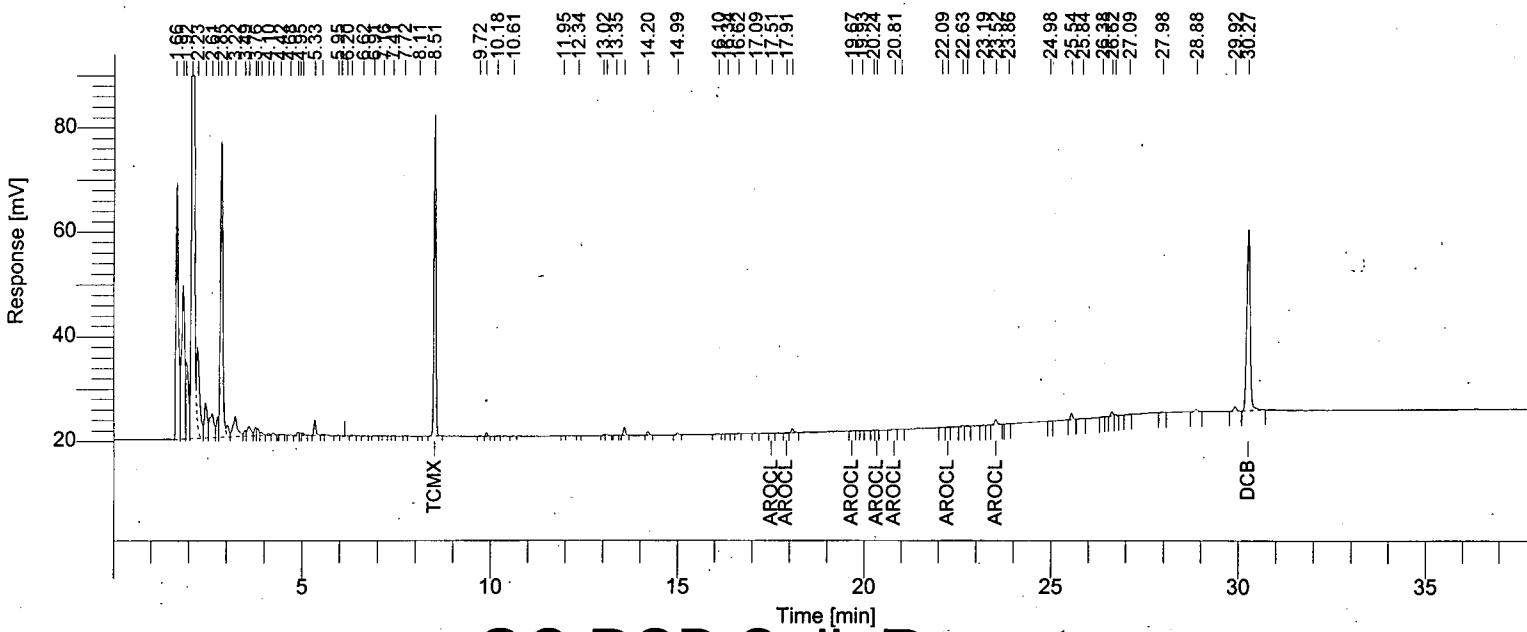
| | | | | |
|-----------------------------|--|----|---|--|
| 12674-11-2-----Aroclor-1016 | | 33 | U | |
| 11104-28-2-----Aroclor-1221 | | 67 | U | |
| 11141-16-5-----Aroclor-1232 | | 33 | U | |
| 53469-21-9-----Aroclor-1242 | | 33 | U | |
| 12672-29-6-----Aroclor-1248 | | 33 | U | |
| 11097-69-1-----Aroclor-1254 | | 33 | U | |
| 11096-82-5-----Aroclor-1260 | | 33 | U | |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 004
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 12:03:56 PM

Date : 05/20/98 17:36:27 PM
 Sample Name : SBLK 1338-17-1
 Study : 9800.898
 Rack/Vial : 1/4
 Channel : B
 A/D mV Range : 1000
 End Time : 37.99 min

Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 4

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_004.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_004.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_004.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 36 | 8.51 | TCMX | 217520 | 0.0201 | 0.0067 | 10.0 | 30.00 | 1.0 |
| | 20.81 | AR1254 | 2954 | 0.0008 | 0.0003 | 10.0 | 30.00 | 1.0 |
| | 23.52 | AR1260 | 4665 | 0.0011 | 0.0004 | 10.0 | 30.00 | 1.0 |
| 79 | 30.27 | DCB | 218649 | 0.0190 | 0.0063 | 10.0 | 30.00 | 1.0 |

BFS/21/98

370

05/20/98 17:36:27 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_004.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 53 | 17.51 | Aroclor 1254-1 | 335 | 0.0006 | 0.0002 | 10.0 | 30.00 | 1.0 |
| 54 | 17.91 | Aroclor 1254-2 | 457 | 0.0006 | 0.0002 | 10.0 | 30.00 | 1.0 |
| 56 | 19.67 | Aroclor 1254-3 | 666 | 0.0006 | 0.0002 | 10.0 | 30.00 | 1.0 |
| 60 | 20.81 | Aroclor 1254-4 | 1066 | 0.0019 | 0.0006 | 10.0 | 30.00 | 1.0 |
| 63 | 22.23 | Aroclor 1254-5 | 431 | 0.0006 | 0.0002 | 10.0 | 30.00 | 1.0 |

Group Report For : AR1260

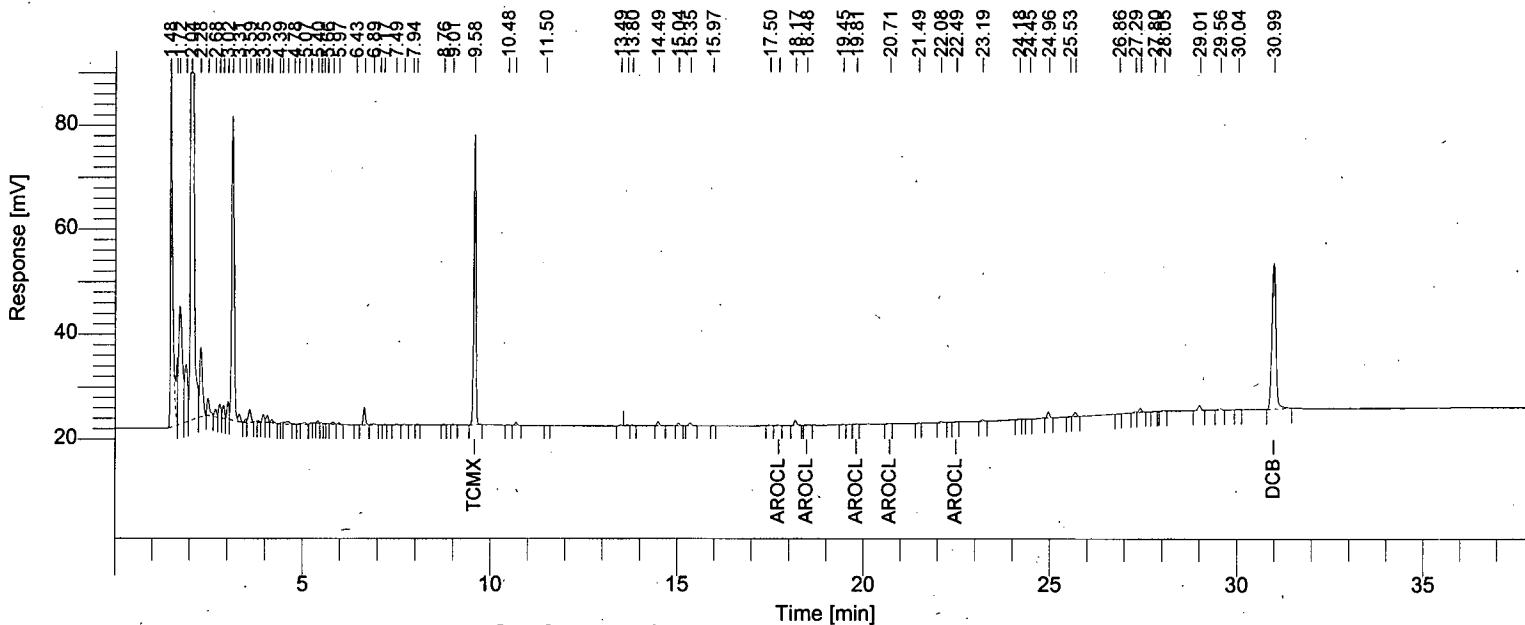
| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 59 | 20.33 | Aroclor 1260-1 | 168 | 0.0002 | 0.0001 | 10.0 | 30.00 | 1.0 |
| 67 | 23.52 | Aroclor 1260-4 | 4497 | 0.0070 | 0.0023 | 10.0 | 30.00 | 1.0 |
| 0 | 24.24 | Aroclor 1260-5 | 0 | 0.0000 | 0.0000 | 10.0 | 30.00 | 1.0 |

B0/5/20/98

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 004
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 12:03:56 PM

Date : 05/20/98 17:36:25 PM
 Sample Name : SBLK 1338-17-1
 Study : 9800.898
 Rack/Vial : 1/4
 Channel : A
 A/D mV Range : 1000
 End Time : 37.99 min.
 Area Reject : 100.000000
 Dilution Factor : 1.00
 Cycle : 4

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_004.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_004.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_004.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 45 | 9.58 | TCMX | 219475 | 0.0209 | 0.0070 | 10.0 | 30.000 | 1.0 |
| | 18.48 | AR1254 | 2663 | 0.0006 | 0.0002 | 10.0 | 30.000 | 1.0 |
| 80 | 30.99 | DCB | 207836 | 0.0192 | 0.0064 | 10.0 | 30.000 | 1.0 |
| | | | 429973 | 0.0407 | | 30.0 | 90.000 | 3.0 |

BJS/2/98

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05/20/98 17:36:25 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1a_0511_004.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 57 | 17.73 | Aroclor 1254-1 | 610 | 0.0010 | 0.0003 | 10.0 | 30.000 | 1.0 |
| 59 | 18.48 | Aroclor 1254-2 | 613 | 0.0007 | 0.0002 | 10.0 | 30.000 | 1.0 |
| 61 | 19.81 | Aroclor 1254-3 | 445 | 0.0005 | 0.0002 | 10.0 | 30.000 | 1.0 |
| 62 | 20.71 | Aroclor 1254-4 | 509 | 0.0005 | 0.0002 | 10.0 | 30.000 | 1.0 |
| 65 | 22.49 | Aroclor 1254-5 | 487 | 0.0006 | 0.0002 | 10.0 | 30.000 | 1.0 |
| | | | 2663 | 0.0033 | | 50.0 | 150.000 | 5.0 |

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 | 0.0000 | 10.0 | 30.000 | 1.0 |
| 0 | 24.81 | Aroclor 1260-4 | 0 | 0.0000 | 0.0000 | 10.0 | 30.000 | 1.0 |
| 0 | 25.85 | Aroclor 1260-5 | 0 | 0.0000 | 0.0000 | 10.0 | 30.000 | 1.0 |
| | | | 0 | 0.0000 | | 30.0 | 90.000 | 3.0 |



R. J. [Signature]

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1D
PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: E & E INC.

Contract:

A1-007BMS

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Matrix: (soil/water) SOIL Lab Sample ID: 6049MS

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 23 decanted: (Y/N) N Date Received: 05/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/07/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/11/98

Injection Volume: 2.00 (uL) Dilution Factor: 4.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) | UG/KG | Q |
|-----------------|--------------|---|-------|---|
| 12674-11-2----- | Aroclor-1016 | 170 | U | |
| 11104-28-2----- | Aroclor-1221 | 350 | U | |
| 11141-16-5----- | Aroclor-1232 | 170 | U | |
| 53469-21-9----- | Aroclor-1242 | 170 | U | |
| 12672-29-6----- | Aroclor-1248 | 170 | U | |
| 11097-69-1----- | Aroclor-1254 | 820 | | |
| 11096-82-5----- | Aroclor-1260 | 350 | P | |

FORM I PEST

SW8082

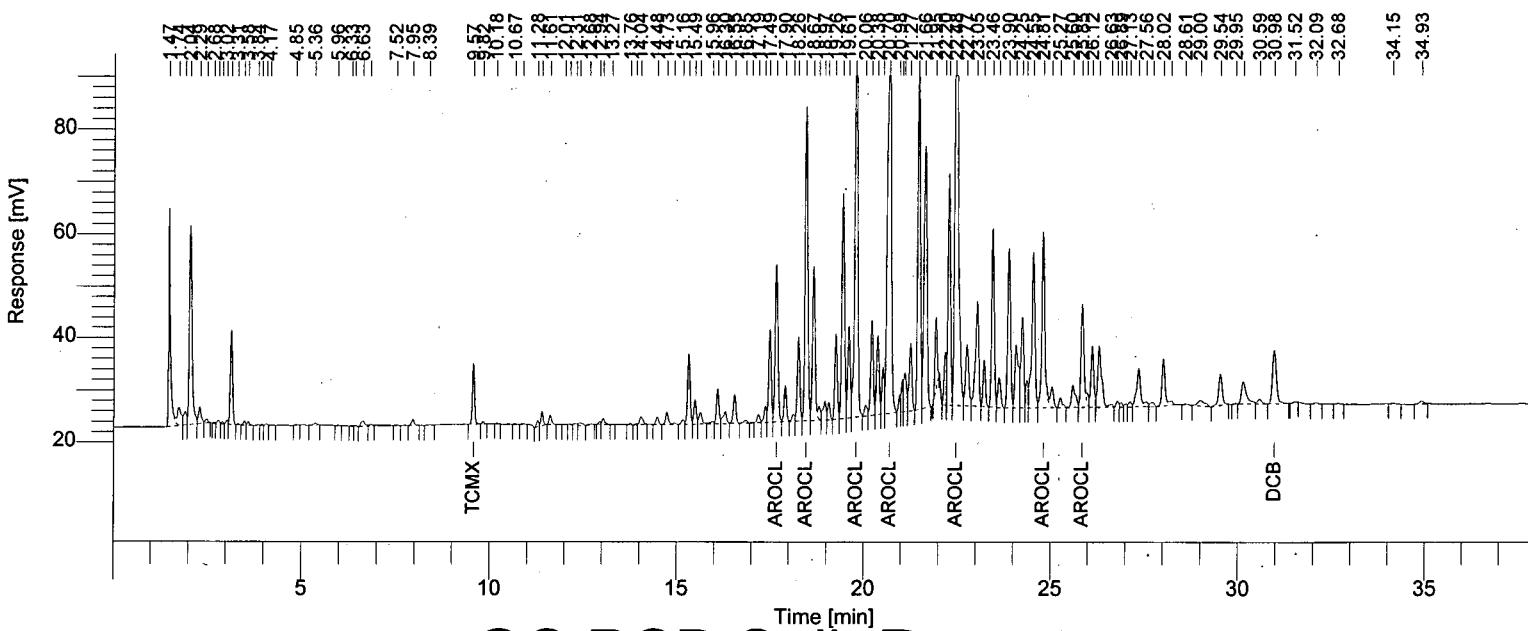
374

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 018
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 22:00:15 PM

Date : 05/20/98 17:42:54 PM
 Sample Name : 6049 MS 4X
 Study : 9800.898
 Rack/Vial : 1/18
 Channel : A
 A/D mV Range : 1000
 End Time : 37.95 min

Area Reject : 100.000000
 Dilution Factor : 4.00
 Cycle : 18

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_018.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_018.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_018.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 29 | 9.57 | TCMX | 45306 | 0.0043 | 0.0057 | 10.0 | 30.000 | 4.0 |
| | 22.48 | AR1254 | 2048263 | 0.4827 | 0.6436 | 10.0 | 30.000 | 4.0 |
| | 24.81 | AR1260 | 299640 | 0.0724 | 0.0965 | 10.0 | 30.000 | 4.0 |
| | 30.98 | DCB | 75904 | 0.0070 | 0.0094 | 10.0 | 30.000 | 4.0 |
| | | | | 2469113 | 0.5664 | 40.0 | 120.000 | 16.0 |

05/20/98 17:42:54 PM Result:

\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_018.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 64 | 17.67 | Aroclor 1254-1 | 158966 | 0.2546 | 0.3394 | 10.0 | 30.000 | 4.0 |
| 68 | 18.47 | Aroclor 1254-2 | 304829 | 0.3365 | 0.4487 | 10.0 | 30.000 | 4.0 |
| 76 | 19.80 | Aroclor 1254-3 | 413492 | 0.4511 | 0.6015 | 10.0 | 30.000 | 4.0 |
| 81 | 20.70 | Aroclor 1254-4 | 525905 | 0.5299 | 0.7066 | 10.0 | 30.000 | 4.0 |
| 91 | 22.48 | Aroclor 1254-5 | 645071 | 0.8025 | 1.0700 | 10.0 | 30.000 | 4.0 |
| | | | 2048263 | 2.3746 | | 50.0 | 150.000 | 20.0 |

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 0 | 20.65 | Aroclor 1260-1 | 0 | 0.0000 | 0.0000 | 10.0 | 30.000 | 4.0 |
| 102 | 24.81 | Aroclor 1260-4 | 187237 | 0.1792 | 0.2389 | 10.0 | 30.000 | 4.0 |
| 106 | 25.85 | Aroclor 1260-5 | 112402 | 0.2239 | 0.2986 | 10.0 | 30.000 | 4.0 |
| | | | 299640 | 0.4031 | | 30.0 | 90.000 | 12.0 |

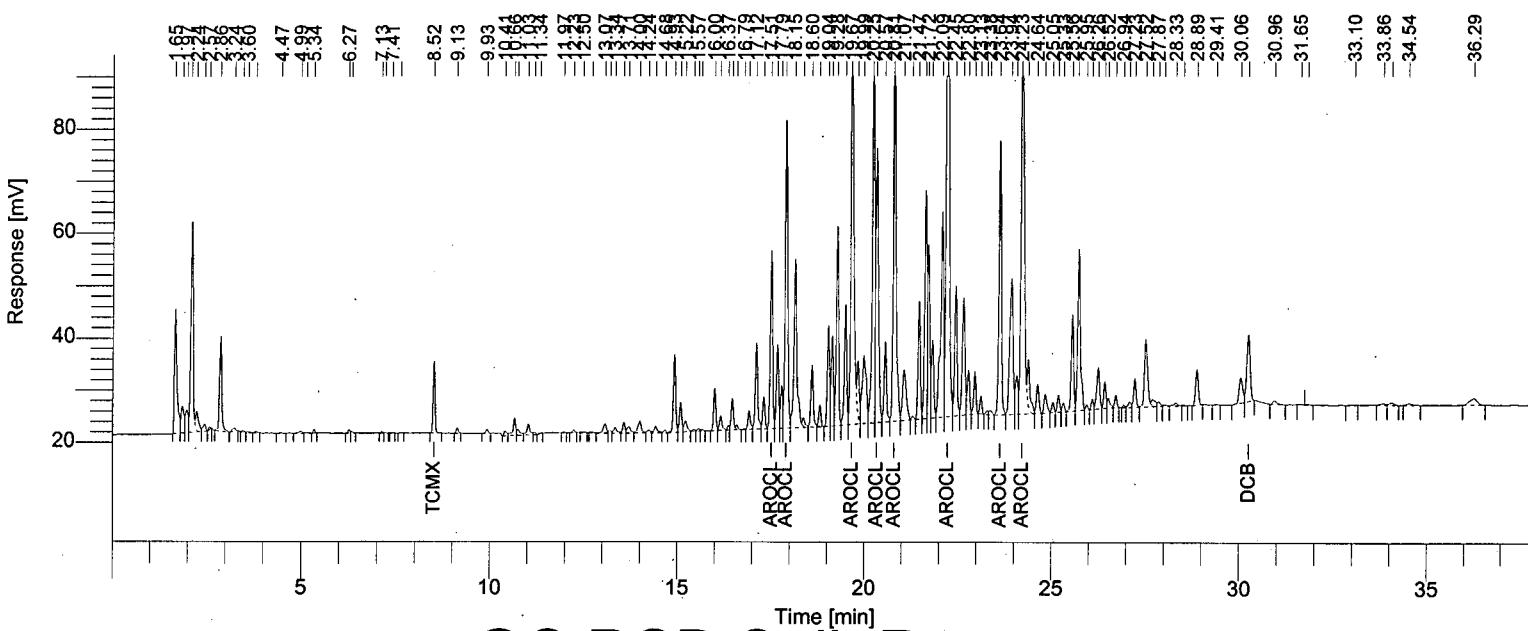
376

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 018
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 22:00:15 PM

Date : 05/20/98 17:42:57 PM
 Sample Name : 6049 MS 4X
 Study : 9800.898
 Rack/Vial : 1/18
 Channel : B
 A/D mV Range : 1000
 End Time : 37.95 min

Area Reject : 100.000000
 Dilution Factor : 4.00
 Cycle : 18

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_018.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_018.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_018.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 23 | 8.52 | TCMX | 47818 | 0.0044 | 0.0059 | 10.0 | 30.00 | 4.0 |
| | 22.23 | AR1254 | 1915815 | 0.5218 | 0.6957 | 10.0 | 30.00 | 4.0 |
| | 24.23 | AR1260 | 947619 | 0.2162 | 0.2882 | 10.0 | 30.00 | 4.0 |
| 124 | 30.27 | DCB | 80037 | 0.0069 | 0.0093 | 10.0 | 30.00 | 4.0 |

05/20/98 17:42:57 PM Result:

\gcsrv1\TCDData\HP68901\May\980511320R\1B_0511_018.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 60 | 17.51 | Aroclor 1254-1 | 149755 | 0.2546 | 0.3395 | 10.0 | 30.00 | 4.0 |
| 63 | 17.91 | Aroclor 1254-2 | 273278 | 0.3603 | 0.4804 | 10.0 | 30.00 | 4.0 |
| 72 | 19.67 | Aroclor 1254-3 | 440440 | 0.4293 | 0.5725 | 10.0 | 30.00 | 4.0 |
| 78 | 20.81 | Aroclor 1254-4 | 376348 | 0.6660 | 0.8880 | 10.0 | 30.00 | 4.0 |
| 86 | 22.23 | Aroclor 1254-5 | 675994 | 0.9209 | 1.2279 | 10.0 | 30.00 | 4.0 |

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 76 | 20.34 | Aroclor 1260-1 | 255981 | 0.2958 | 0.3943 | 10.0 | 30.00 | 4.0 |
| 94 | 23.64 | Aroclor 1260-4 | 243346 | 0.3810 | 0.5080 | 10.0 | 30.00 | 4.0 |
| 97 | 24.23 | Aroclor 1260-5 | 448291 | 0.3825 | 0.5100 | 10.0 | 30.00 | 4.0 |

1D
PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: E & E INC.

Contract:

A1-007BMSD

Lab Code: EANDE Case No.: 9800.898 SAS No.: SDG No.: 6041

Matrix: (soil/water) SOIL Lab Sample ID: 6049MSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 23 decanted: (Y/N) N Date Received: 05/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/07/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/11/98

Injection Volume: 2.00 (uL) Dilution Factor: 4.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) | UG/KG | Q |
|-----------------|--------------|---|-------|---|
| 12674-11-2----- | Aroclor-1016 | 170 | U | |
| 11104-28-2----- | Aroclor-1221 | 350 | U | |
| 11141-16-5----- | Aroclor-1232 | 170 | U | |
| 53469-21-9----- | Aroclor-1242 | 170 | U | |
| 12672-29-6----- | Aroclor-1248 | 170 | U | |
| 11097-69-1----- | Aroclor-1254 | 1100 | | |
| 11096-82-5----- | Aroclor-1260 | 460 | P | |

FORM I PEST

SW8082

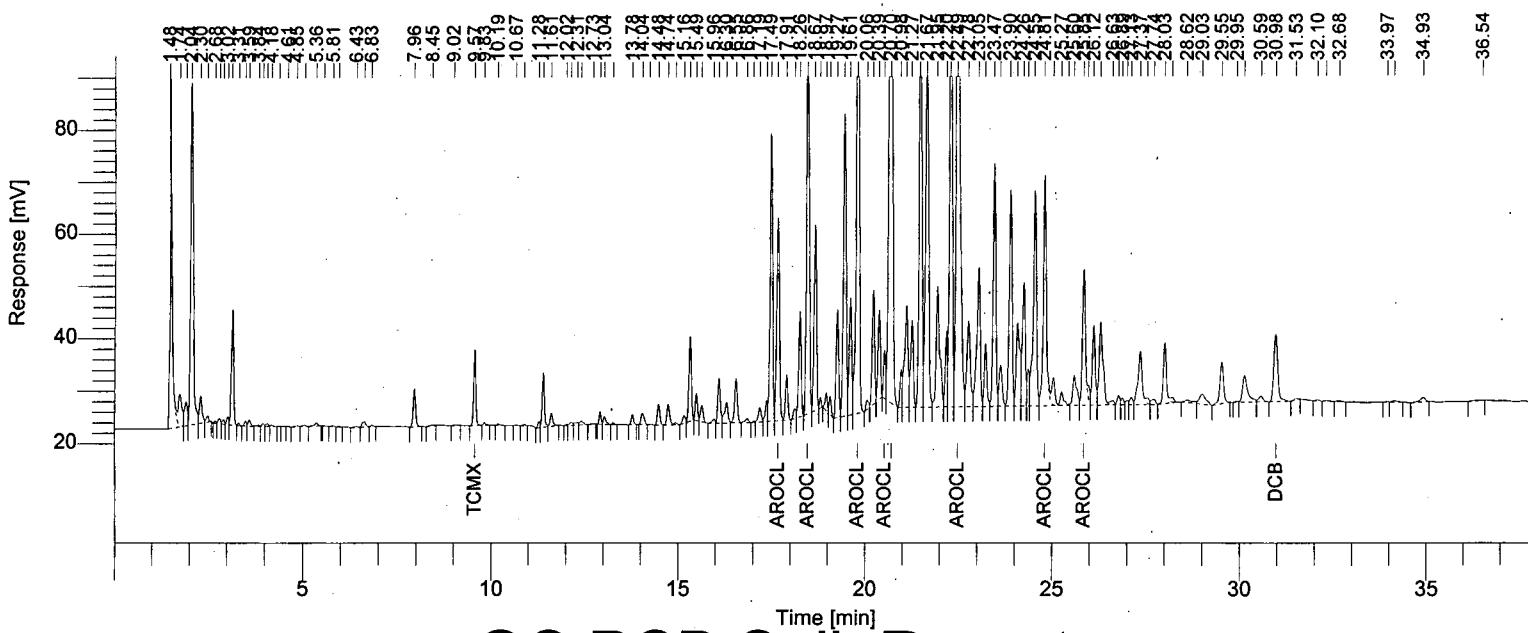
379

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 019
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 22:42:55 PM

Date : 05/20/98 17:42:59 PM
 Sample Name : 6049 MSD 4X
 Study : 9800.898
 Rack/Vial : 1/19
 Channel : A
 A/D mV Range : 1000
 End Time : 37.94 min

Area Reject : 100.000000
 Dilution Factor : 4.00
 Cycle : 19

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_019.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_019.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_019.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 33 | 9.57 | TCMX | 56516 | 0.0054 | 0.0072 | 10.0 | 30.000 | 4.0 |
| | 22.49 | AR1254 | 2653008 | 0.6252 | 0.8337 | 10.0 | 30.000 | 4.0 |
| | 24.81 | AR1260 | 432081 | 0.1043 | 0.1391 | 10.0 | 30.000 | 4.0 |
| 130 | 30.98 | DCB | 96037 | 0.0089 | 0.0119 | 10.0 | 30.000 | 4.0 |
| | | | 3237643 | 0.7439 | | 40.0 | 120.000 | 16.0 |

05/20/98 17:42:59 PM Result:

\gcsrv1\TCData\HP68901\May\980511320R\1a_0511_019.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 68 | 17.67 | Aroclor 1254-1 | 204808 | 0.3280 | 0.4373 | 10.0 | 30.000 | 4.0 |
| 72 | 18.47 | Aroclor 1254-2 | 375127 | 0.4141 | 0.5521 | 10.0 | 30.000 | 4.0 |
| 80 | 19.81 | Aroclor 1254-3 | 536973 | 0.5859 | 0.7812 | 10.0 | 30.000 | 4.0 |
| 85 | 20.70 | Aroclor 1254-4 | 655957 | 0.6610 | 0.8813 | 10.0 | 30.000 | 4.0 |
| 94 | 22.49 | Aroclor 1254-5 | 880142 | 1.0949 | 1.4599 | 10.0 | 30.000 | 4.0 |
| | | | 2653008 | 3.0838 | | 50.0 | 150.000 | 20.0 |

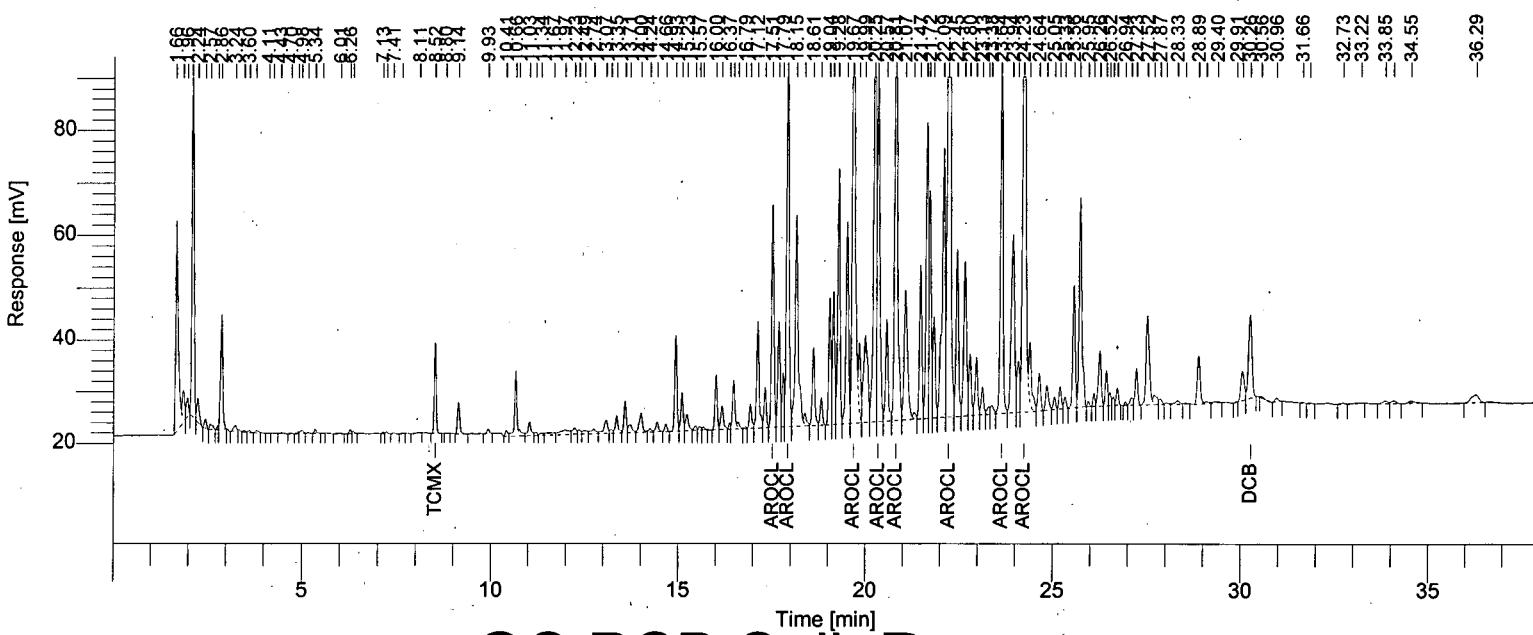
Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 84 | 20.53 | Aroclor 1260-1 | 34577 | 0.0435 | 0.0580 | 10.0 | 30.000 | 4.0 |
| 105 | 24.81 | Aroclor 1260-4 | 248439 | 0.2377 | 0.3170 | 10.0 | 30.000 | 4.0 |
| 110 | 25.85 | Aroclor 1260-5 | 149065 | 0.2970 | 0.3960 | 10.0 | 30.000 | 4.0 |
| | | | 432081 | 0.5782 | | 30.0 | 90.000 | 12.0 |

Software Version : 6.0.2:G11
 Operator : ATHERTOND
 Sample Number : 019
 AutoSampler : BUILT-IN
 Instrument Name : HP68901
 Instrument Serial # : NONE
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 05/11/98 22:42:55 PM

Date : 05/20/98 17:43:02 PM
 Sample Name : 6049 MSD 4X
 Study : 9800.898
 Rack/Vial : 1/19
 Channel : B
 A/D mV Range : 1000
 End Time : 37.94 min
 Area Reject : 100.000000
 Dilution Factor : 4.00
 Cycle : 19

Raw Data File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_019.raw
 Result File : \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_019.rst
 Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
 \\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_019.rst
 Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
 Sequence File : \\gcsrv1\TCData\HP68901\May\980511320R\681_0511_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 31 | 8.52 | TCMX | 60454 | 0.0056 | 0.0074 | 10.0 | 30.00 | 4.0 |
| | 22.23 | AR1254 | 2622212 | 0.7142 | 0.9522 | 10.0 | 30.00 | 4.0 |
| | 24.23 | AR1260 | 1239696 | 0.2828 | 0.3771 | 10.0 | 30.00 | 4.0 |
| 138 | 30.26 | DCB | 100485 | 0.0087 | 0.0116 | 10.0 | 30.00 | 4.0 |

05/20/98 17:43:02 PM Result:

\gcsrv1\TCData\HP68901\May\980511320R\1B_0511_019.rst

Group Report For : AR1254

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 71 | 17.51 | Aroclor 1254-1 | 189746 | 0.3226 | 0.4301 | 10.0 | 30.00 | 4.0 |
| 74 | 17.91 | Aroclor 1254-2 | 343042 | 0.4523 | 0.6030 | 10.0 | 30.00 | 4.0 |
| 83 | 19.67 | Aroclor 1254-3 | 562902 | 0.5487 | 0.7316 | 10.0 | 30.00 | 4.0 |
| 89 | 20.81 | Aroclor 1254-4 | 481120 | 0.8514 | 1.1352 | 10.0 | 30.00 | 4.0 |
| 97 | 22.23 | Aroclor 1254-5 | 1045402 | 1.4241 | 1.8988 | 10.0 | 30.00 | 4.0 |

Group Report For : AR1260

| Peak # | Ret Time [min] | Component Name | Area [uV-sec] | Raw Amount | Sample Conc. ug/g | Final Vol. (ml) | Amt Ext. (gr) | Dilution Factor |
|--------|----------------|----------------|---------------|------------|-------------------|-----------------|---------------|-----------------|
| 87 | 20.34 | Aroclor 1260-1 | 324809 | 0.3753 | 0.5004 | 10.0 | 30.00 | 4.0 |
| 105 | 23.64 | Aroclor 1260-4 | 321097 | 0.5027 | 0.6703 | 10.0 | 30.00 | 4.0 |
| 108 | 24.23 | Aroclor 1260-5 | 593790 | 0.5067 | 0.6756 | 10.0 | 30.00 | 4.0 |

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SOIL EXTRACTION LOGBOOK

TEST PCB SOP# 19 REV# 3550B BATCH# 9805073C1PEXTRACTED BY R. Hough EXTRACTION DATE 5/7/98MATERIALS USED: 1.0 mL Surrogate 1245-21-2 expiration date 10/29/98
1.0 mL Spike 1245-24-1 expiration date 11/16/98solvent: Methylene Chloride lot # L46311Acetone L42315Hexane L20317

Acetonitrile

BALANCE CALIBRATION book# 807 page# 156-8 CONCENTRATED BY
steam bath / turbovap

| JOB#/CLIENT | Sample No. | Sample Wt (g) | Final Vol. (mL) | Conc'd by | Date | Comments |
|-------------|-------------------|---------------|-----------------|-----------|--------|----------|
| 1338-17-1 | Blank | 32.00 | 10.0 mL | L2(T) | 5/8/98 | |
| 1338-17-2 | LCS | 32.00 | V | V | V | |
| | LCSD | PR | | | | |
| 9800.898 | 116041.01 | 32.00 | 10.0 mL | L2(T) | 5/8/98 | |
| | 126042.01 | 30.0 g | | | | |
| | 136043.01 | | | | | |
| | 146044.01 | | | | | |
| | 156045.01 | | | | | |
| | 166046.01 | | | | | |
| | 176047.01 | | | | | |
| | 186048.01 | | | | | |
| | 196049.01 | | | | | |
| | 1106050.01 | | | | | |
| | 1116051.01 | | | | | |
| | 1126052.01 | | | | | |
| | 1136053.01 | | | | | |
| | 1146054.01 | | | | | |
| | 1156055.01 | | | | | |
| | 1166056.01 | | | | | |
| | 1176057.01 | | | | | |
| | 1186058.01 | | | | | |
| | 1196059.01 | | | | | |
| | 1206060.01 | | | | | |
| | 1.MS6049.0232.00 | | | | | |
| | 1.MSD6049.0232.00 | | | | | |

I have witnessed the addition of surrogate and spiking solutions. The correct type and amount has been added as indicated in the SOP. (Signed)

John H. Hough Jr.

The above information is a complete and accurate statement of the work it documents. All deviations have been noted. Corrective action forms have been completed if applicable.

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recycled paper
recycled paperBES/SMJ

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Page No. _____

From _____

E. & E. Inc. ASC GC Lab Instrument Runlog

Notebook # 1219 Page # 58

Method: SW-846 8082 SOP GC.73

Inst.ID: HP68901A/HP68901B

Operator: B. Lewis Init: BD Date: 4/29/98

Oven Prog: 150C, 1 min, 5c/min => 280C, 11 min

Inj Temp: 200C Det Temp: 300C Detector A,B ECD,ECD

Column A: RTX-5 30M 0.53mm 1.0um film

Column B: RTX-35 30M 0.53mm 0.5um film

| File Name | Job Number | Sample Name | Samp Num. | Date of Injection | Time of Injection | COMMENTS | DCB | DIL |
|-----------------|------------|-------------|-----------|-------------------|-------------------|-----------|-----|-----|
| 1a 0429 001.rst | 8082 CCV | HEXANE | 001 | 04/29/98 | 05:34:18 PM | L20317 | 1 | |
| 1a 0429 002.rst | 8082 CCV | HEXANE | 002 | 04/29/98 | 06:16:49 PM | L20317 | 1 | |
| 1a 0429 003.rst | 8082 ICAL | AR1221M | 003 | 04/29/98 | 06:59:16 PM | 445-184-6 | 1 | |
| 1a 0429 004.rst | 8082 ICAL | AR1232M | 004 | 04/29/98 | 07:41:45 PM | 445-180-4 | 1 | |
| 1a 0429 005.rst | 8082 ICAL | AR1248M | 005 | 04/29/98 | 08:24:20 PM | 445-180-9 | 1 | |
| 1a 0429 006.rst | 8082 ICAL | AR1660L | 006 | 04/29/98 | 09:06:53 PM | 445-184-1 | 1 | |
| 1a 0429 007.rst | 8082 ICAL | AR1660ML | 007 | 04/29/98 | 09:49:28 PM | 445-184-2 | 1 | |
| 1a 0429 008.rst | 8082 ICAL | AR1660M | 008 | 04/29/98 | 10:31:59 PM | 445-184-7 | 1 | |
| 1a 0429 009.rst | 8082 ICAL | AR1660MH | 009 | 04/29/98 | 11:14:40 PM | 445-184-4 | 1 | |
| 1a 0429 010.rst | 8082 ICAL | AR1660H | 010 | 04/29/98 | 11:57:13 PM | 445-184-5 | 1 | |
| 1a 0429 011.rst | 8082 ICAL | AR1660REF | 011 | 04/30/98 | 12:39:41 AM | 445-482-5 | 1 | |
| 1a 0429 012.rst | 8082 ICAL | AR1242L | 012 | 04/30/98 | 01:22:08 AM | 445-181-1 | 1 | |
| 1a 0429 013.rst | 8082 ICAL | AR1242ML | 013 | 04/30/98 | 02:04:40 AM | 445-181-2 | 1 | |
| 1a 0429 014.rst | 8082 ICAL | AR1242M | 014 | 04/30/98 | 02:47:16 AM | 445-181-3 | 1 | |
| 1a 0429 015.rst | 8082 ICAL | AR1242MH | 015 | 04/30/98 | 03:29:53 AM | 445-181-4 | 1 | |
| 1a 0429 016.rst | 8082 ICAL | AR1242H | 016 | 04/30/98 | 04:12:28 AM | 445-181-5 | 1 | |
| 1a 0429 017.rst | 8082 ICAL | AR1242REF | 017 | 04/30/98 | 04:55:08 AM | 445-183-3 | 1 | |
| 1a 0429 018.rst | 8082 ICAL | AR1254L | 018 | 04/30/98 | 05:37:44 AM | 445-175-1 | 1 | |
| 1a 0429 019.rst | 8082 ICAL | AR1254ML | 019 | 04/30/98 | 06:20:16 AM | 445-175-2 | 1 | |
| 1a 0429 020.rst | 8082 ICAL | AR1254M | 020 | 04/30/98 | 07:02:52 AM | 445-185-1 | 1 | |
| 1a 0429 021.rst | 8082 ICAL | AR1254MH | 021 | 04/30/98 | 07:45:28 AM | 445-175-4 | 1 | |
| 1a 0429 022.rst | 8082 ICAL | AR1254H | 022 | 04/30/98 | 08:27:56 AM | 445-181-5 | 1 | |
| 1a 0429 023.rst | 8082 ICAL | AR1254REF | 023 | 04/30/98 | 09:10:24 AM | 445-183-1 | 1 | |

To Page No. _____

Witnessed & Understood by me,

Ronald J. Dugay

Date

5/2/98

Invented by

Recorded by

Date

385

Wi

E. & E. Inc. ASC GC Lab Instrument RunlogNotebook # 1219 Page # 51

Method: GC.14(8081) GC.72(8081A) GC.73(8082)

Inst.ID: 146890#1Operator: S. LEWIS Init: BL Date: 5/13/98

Oven Prog: 150C, 1 min, 5c/min => 280C, 11 min

Inj Temp: 200C Det Temp: 300C Detector A,B ECD,ECD

Column A/B: RTX5/RTX35 30M 0.53mm 1.0um film

| File Name | Job Number | Sample Name | Date of Injection | Time of Injection | COMMENTS | DIL | DCB |
|-----------------|------------|-----------------|-------------------|-------------------|-----------------------|-----|-----|
| 1a 0511 001.rst | | HEXANE | 05/11/98 | 09:19:02 AM | LOT# L20317 | 1 | |
| 1a 0511 002.rst | 8082 CCV | 0.2ug/ml AR1254 | 05/11/98 | 10:01:36 AM | 445-185-1 | 1 | |
| 1a 0511 003.rst | 8082 CCV | 0.2ug/ml AR1660 | 05/11/98 | 10:44:11 AM | 445-184-7 | 1 | |
| 1a 0511 004.rst | 9800.898 | SBLK 1338-17-1 | 05/11/98 | 12:03:56 PM | Hg + H2SO4 | 1 | |
| 1a 0511 005.rst | 9800.898 | SLCS 1338-17-2 | 05/11/98 | 12:46:25 PM | Hg + H2SO4 | 1 | |
| 1a 0511 006.rst | 9800.898 | 6041 2X | 05/11/98 | 01:28:52 PM | Hg + H2SO4 400uL/800u | 2 | |
| 1a 0511 007.rst | 9800.898 | 6042 20X | 05/11/98 | 02:11:27 PM | Hg + H2SO4 50uL/mL | 20 | |
| 1a 0511 008.rst | 9800.898 | 6043 | 05/11/98 | 02:53:54 PM | Hg + H2SO4 | 1 | |
| 1a 0511 009.rst | 9800.898 | 6044 | 05/11/98 | 03:36:35 PM | Hg + H2SO4 | 1 | |
| 1a 0511 010.rst | 9800.898 | 6045 2X | 05/11/98 | 04:19:04 PM | Hg + H2SO4 400uL/800u | 2 | |
| 1a 0511 011.rst | 9800.898 | 6046 | 05/11/98 | 05:01:32 PM | Hg + H2SO4 | 1 | |
| 1a 0511 012.rst | 9800.898 | 6047 | 05/11/98 | 05:44:07 PM | Hg + H2SO4 | 1 | |
| 1a 0511 013.rst | 9800.898 | 6048 | 05/11/98 | 06:26:43 PM | Hg + H2SO4 | 1 | |
| 1a 0511 014.rst | | HEXANE | 05/11/98 | 07:09:19 PM | LOT# L20317 | 1 | |
| 1a 0511 015.rst | CCV | 0.2UG/ML AR1254 | 05/11/98 | 07:51:53 PM | 445-185-1 | 1 | |
| 1a 0511 016.rst | CCV | 0.2UG/ML AR1660 | 05/11/98 | 08:33:42 PM | 445-184-7 | 1 | |
| 1a 0511 017.rst | 9800.898 | 6049 4X | 05/11/98 | 09:17:35 PM | Hg + H2SO4 200uL/800u | 4 | |
| 1a 0511 018.rst | 9800.898 | 6049 MS 4X | 05/11/98 | 10:00:15 PM | Hg + H2SO4 200uL/800u | 4 | |
| 1a 0511 019.rst | 9800.898 | 6049 MSD 4X | 05/11/98 | 10:42:55 PM | Hg + H2SO4 200uL/800u | 4 | |
| 1a 0511 020.rst | 9800.898 | 6050 4X | 05/11/98 | 11:25:31 PM | Hg + H2SO4 200uL/800u | 4 | |
| 1a 0511 021.rst | 9800.898 | 6051 2X | 05/12/98 | 12:08:07 AM | Hg + H2SO4 400uL/800u | 2 | |
| 1a 0511 022.rst | 9800.898 | 6052 | 05/12/98 | 12:50:43 AM | Hg + H2SO4 | 1 | |
| 1a 0511 023.rst | 9800.898 | 6053 | 05/12/98 | 01:33:29 AM | Hg + H2SO4 | 1 | |
| 1a 0511 024.rst | 9800.898 | 6054 | 05/12/98 | 02:16:07 AM | Hg + H2SO4 | 1 | |
| 1a 0511 025.rst | 9800.898 | 6055 | 05/12/98 | 02:58:47 AM | Hg + H2SO4 | 1 | |
| 1a 0511 026.rst | 9800.898 | 6056 5X | 05/12/98 | 03:41:24 AM | Hg + H2SO4 200uL/mL | 5 | |
| 1a 0511 027.rst | | HEXANE | 05/12/98 | 04:24:07 AM | LOT# L20317 | 1 | |
| 1a 0511 028.rst | | 0.2UG/ML AR1254 | 05/12/98 | 05:06:43 AM | 445-185-1 | 1 | |
| 1a 0511 029.rst | | 0.2UG/ML AR1660 | 05/12/98 | 05:49:19 AM | 445-184-7 | 1 | |
| 1a 0511 030.rst | 9800.898 | 6057 2X | 05/12/98 | 06:31:55 AM | Hg + H2SO4 400uL/800u | 2 | |
| 1a 0511 031.rst | 9800.898 | 6058 | 05/12/98 | 07:14:32 AM | Hg + H2SO4 | 1 | |
| 1a 0511 032.rst | 9800.898 | 6059 | 05/12/98 | 07:57:04 AM | Hg + H2SO4 | 1 | |
| 1a 0511 033.rst | 9800.898 | 6060 | 05/12/98 | 08:39:40 AM | Hg + H2SO4 | 1 | |
| 1a 0511 034.rst | | HEXANE | 05/12/98 | 09:22:15 AM | BAKER L20317 | 1 | |
| 1a 0511 035.rst | CCV | 0.2UG/ML AR1254 | 05/12/98 | 10:04:47 AM | 445-185-1 | 1 | |
| 1a 0511 036.rst | CCV | 0.2UG/ML AR1660 | 05/12/98 | 10:47:20 AM | 445-184-7 | 1 | |
| 1a 0511 037.rst | 9800.898 | 6049 4X | 05/12/98 | 01:39:13 PM | Hg + H2SO4+200UL/800U | 4 | |
| 1a 0511 038.rst | | HEXANE | 05/12/98 | 02:43:17 PM | BAKER L20317 | 1 | |
| 1a 0511 039.rst | CCV | 0.2UG/ML AR1254 | 05/12/98 | 03:25:53 PM | 445-185-1 | 1 | |
| 1a 0511 040.rst | CCV | 0.2UG/ML AR1660 | 05/12/98 | 04:08:25 PM | 445-184-7 | 1 | |

To Page No. _____

Witnessed & Understood by me,

Ronald J. Gay

Date

5/13/98

Invented by

Date

Recorded by

386

E. & E. Inc. ASC GC Lab Instrument Runlog

Notebook # 1219 Page # 52

Method: SW-846 8082 SOP GC.73

Inst.ID: HP68901A/HP68901B

Operator: J.C. WANG Init: BJ Date: 5/19/98

Oven Prog: 150C, 1 min, 5c/min => 280C, 11 min

Inj Temp: 200C Det Temp: 300C Detector A,B ECD,ECD

Column A: RTX-5 30M 0.53mm 1.0um film

Column B: RTX-35 30M 0.53mm 0.5um film

| File Name | Job Number | Sample Name | Samp Num. | Date of Injection | Time of Injection | COMMENTS | DCB DIL |
|-----------------|--------------|----------------------|-----------|-------------------|-------------------|--------------------|---------|
| 1a 0513 001.rst | | HEXANE | 001 | 05/13/98 | 02:37:52 PM | BAKER L20317 | 1 |
| 1a 0513 002.rst | 8082 CCV | 0.2UG/ML AR1660 | 002 | 05/13/98 | 03:20:31 PM | 445-184-7 | 1 |
| 1a 0513 003.rst | 8082 CCV | 0.2UG/ML AR1254 | 003 | 05/13/98 | 04:03:11 PM | 445-185-1 | 1 |
| 1a 0513 004.rst | 9800.876 | WLCS 1248-149-1 | 004 | 05/13/98 | 07:15:08 PM | HG&H2S04 | 1 |
| 1a 0513 005.rst | 9800.876 | WLCS 1248-149-2 | 005 | 05/13/98 | 07:57:49 PM | HG&H2S04 | 1 |
| 1a 0513 006.rst | 9800.876 | WBLK 1248-149-3 | 006 | 05/13/98 | 08:40:24 PM | HG&H2S04 | 1 |
| 1a 0513 007.rst | 9800.880/876 | SBLK 1338-7-1 | 007 | 05/13/98 | 09:22:59 PM | HG&H2S04 | 1 |
| 1a 0513 008.rst | 9800.880/876 | SLCS 1338-7-2 | 008 | 05/13/98 | 10:05:34 PM | HG&H2S04 | 1 |
| 1a 0513 009.rst | 9800.876 | 5877 | 009 | 05/13/98 | 10:48:11 PM | HG&H2S04 | 1 |
| 1a 0513 010.rst | | HEXANE | 010 | 05/13/98 | 11:30:40 PM | BAKER L20317 | 1 |
| 1a 0513 011.rst | 8082 CCV | 0.2UG/ML AR1254 | 011 | 05/14/98 | 12:13:16 AM | 445-185-1 | 1 |
| 1a 0513 012.rst | 8082 CCV | 0.2UG/ML AR1660 | 012 | 05/14/98 | 12:55:51 AM | 445-184-7 | 1 |
| 1a 0513 013.rst | 9800.880 | 5931 | 013 | 05/14/98 | 01:38:23 AM | HG&H2S04 | 1 |
| 1a 0513 014.rst | 9800.880 | 5928 10X | 014 | 05/14/98 | 02:20:59 AM | HG&H2S04 100UL/1ML | 10 |
| 1a 0513 015.rst | 9800.880 | 5929 10X | 015 | 05/14/98 | 03:03:32 AM | HG&H2S04 100UL/1ML | 10 |
| 1a 0513 016.rst | 9800.880 | 5930 10X | 016 | 05/14/98 | 03:46:11 AM | HG&H2S04 100UL/1ML | 10 |
| 1a 0513 017.rst | 9800.876 | 5874 | 017 | 05/14/98 | 04:28:47 AM | HG&H2S04 | 1 |
| 1a 0513 018.rst | 9800.876 | 5875 | 018 | 05/14/98 | 06:38:59 AM | HG&H2S04 | 1 |
| 1a 0513 019.rst | 9800.876 | 5876 | 019 | 05/14/98 | 07:21:31 AM | HG&H2S04 | 1 |
| 1a 0513 020.rst | 9800.876 | 5876 MS | 020 | 05/14/98 | 08:04:09 AM | HG&H2S04 | 1 |
| 1a 0513 021.rst | 9800.876 | 5876 MSD | 021 | 05/14/98 | 08:46:43 AM | HG&H2S04 | 1 |
| 1a 0513 022.rst | | HEXANE | 022 | 05/14/98 | 09:29:19 AM | BAKER L20317 | 1 |
| 1a 0513 023.rst | 8082 CCV | 0.2UG/ML AR1254 | 023 | 05/14/98 | 10:11:51 AM | 445-185-1 | 1 |
| 1a 0513 024.rst | 8082 CCV | 0.2UG/ML AR1660 | 024 | 05/14/98 | 11:15:06 AM | 445-184-7 | 1 |
| 1a 0513 025.rst | 8082 CCV | 0.2UG/ML AR1254 | 025 | 05/14/98 | 11:57:41 AM | 445-185-1 | 1 |
| 1a 0513 026.rst | 9800.876 | 5874 100X | 026 | 05/14/98 | 12:40:28 PM | HG&H2S04 10UL/1ML | 100 |
| 1a 0513 027.rst | | HEXANE | 027 | 05/14/98 | 01:23:01 PM | BAKER L20317 | 1 |
| 1a 0513 028.rst | 8082 CCV | 0.2UG/ML AR1254 | 028 | 05/14/98 | 02:05:41 PM | 445-185-1 | 1 |
| 1a 0513 029.rst | 8082 CCV | 0.2UG/ML AR1660 | 029 | 05/14/98 | 02:48:17 PM | 445-184-7 | 1 |
| 1a 0513 030.rst | 9800.863 | SBLK1338-42-1 | 030 | 05/14/98 | 03:36:45 PM | AR1254 MDLS | 1 |
| 1a 0513 031.rst | 9800.863 | AR1254MDL REP 1 5753 | 031 | 05/14/98 | 04:19:14 PM | AR1254 MDLS | 1 |
| 1a 0513 032.rst | 9800.863 | AR1254MDL REP 2 5754 | 032 | 05/14/98 | 05:40:23 PM | AR1254 MDLS | 1 |
| 1a 0513 033.rst | 9800.863 | AR1254MDL REP 3 5755 | 033 | 05/14/98 | 06:23:57 PM | AR1254 MDLS | 1 |
| 1a 0513 034.rst | 9800.863 | AR1254MDL REP 4 5756 | 034 | 05/14/98 | 07:06:25 PM | AR1254 MDLS | 1 |
| 1a 0513 035.rst | 9800.863 | AR1254MDL REP 5 5757 | 035 | 05/14/98 | 07:49:00 PM | AR1254 MDLS | 1 |
| 1a 0513 036.rst | 9800.863 | AR1254MDL REP 6 5758 | 036 | 05/14/98 | 08:31:40 PM | AR1254 MDLS | 1 |
| 1a 0513 037.rst | 9800.863 | AR1254MDL REP 7 5759 | 037 | 05/14/98 | 09:14:07 PM | AR1254 MDLS | 1 |
| 1a 0513 038.rst | 9800.863 | AR1254MDL REP 8 LCS | 038 | 05/14/98 | 09:56:43 PM | AR1254 MDLS | 1 |
| 1a 0513 039.rst | CCV | HEXANE | 039 | 05/14/98 | 10:39:19 PM | BAKER L20317 | 1 |
| 1a 0513 040.rst | 8082 CCV | 0.2UG/ML AR1254 | 040 | 05/14/98 | 11:21:55 PM | 445-185-1 | 1 |

to Page No. _____

Witnessed & Understood by me,

Date

5/19/98

Invented by

A.J.

Date

387

Recorded by

From Page No.

E. & E. Inc. ASC GC Lab Instrument Runlog

Notebook # 1219 Page # 53

Method: SW-846 8082 SOP GC.73

Inst.ID: HP68901A/HP68901B

Operator: D. Lewandowski Init: Sef Date: 5/14/98

Oven Prog: 150C, 1 min, 5c/min => 280C, 11 min

Inj Temp: 200C Det Temp: 300C Detector A,B ECD,ECD

Column A: RTX-5 30M 0.53mm 1.0um film

Column B: RTX-35 30M 0.53mm 0.5um film

| File Name | Job Number | Sample Name | Samp Num. | Date of Injection | Time of Injection | COMMENTS | DCB DIL |
|-----------------|--------------|-----------------|-----------|-------------------|-------------------|--------------|---------|
| 1a 0513 041.rst | 8082 CCV | 0.2UG/ML AR1660 | 041 | 05/15/98 | 12:04:36 AM | 445-184-7 | 1 |
| 1a 0513 042.rst | 9800.901/916 | 1248-162-1 | 042 | 05/15/98 | 12:47:15 AM | HG&H2S04 | 1 |
| 1a 0513 043.rst | 9800.901/916 | 1248-162-2 | 043 | 05/15/98 | 01:29:51 AM | HG&H2S04 | 1 |
| 1a 0513 044.rst | R. GROUND | AR1660 IPR 1 | 044 | 05/15/98 | 02:12:27 AM | HG&H2S04 | 1 |
| 1a 0513 045.rst | 9800.901/916 | AR1660 IPR 2 | 045 | 05/15/98 | 09:01:54 AM | | 1 |
| 1a 0513 046.rst | 9800.901/916 | AR1660 IPR 3 | 046 | 05/15/98 | 10:19:11 AM | | 1 |
| 1a 0513 047.rst | R. GROUND | AR1660 IPR 4 | 047 | 05/15/98 | 10:39:55 AM | HG&H2S04 | 1 |
| 1a 0513 048.rst | 9800.901 | 6095 | 048 | 05/15/98 | 11:22:31 AM | HG&H2S04 | 1 |
| 1a 0513 049.rst | 9800.916 | 6209 | 049 | 05/15/98 | 12:05:07 PM | HG&H2S04 | 1 |
| 1a 0513 050.rst | 9800.916 | 6209MS | 050 | 05/15/98 | 12:47:43 PM | HG&H2S04 | 1 |
| 1a 0513 051.rst | 9800.916 | 6209MSD | 051 | 05/15/98 | 01:30:16 PM | HG&H2S04 | 1 |
| 1a 0513 052.rst | | HEXANE | 052 | 05/15/98 | 02:18:53 PM | BAKER L20317 | 1 |
| 1a 0513 053.rst | 8082 CCV | 0.2UG/ML AR1254 | 053 | 05/15/98 | 03:01:20 PM | 445-185-1 | 1 |
| 1a 0513 054.rst | 8082 CCV | 0.2UG/ML AR1660 | 054 | 05/15/98 | 03:44:01 PM | 445-184-7 | 1 |
| 1a 0513 055.rst | 9800.900 | 1338-37-1 | 055 | 05/15/98 | 04:26:42 PM | HG + H2S04 | 1 |
| 1a 0513 056.rst | 9800.900 | 1338-37-2 | 056 | 05/15/98 | 05:09:23 PM | HG + H2S04 | 1 |
| 1a 0513 057.rst | 9800.900 | 6068 | 057 | 05/15/98 | 05:52:05 PM | HG + H2S04 | 1 |
| 1a 0513 058.rst | 9800.900 | 6069 | 058 | 05/15/98 | 06:34:42 PM | HG + H2S04 | 1 |
| 1a 0513 059.rst | 9800.900 | 6070 | 059 | 05/15/98 | 07:17:26 PM | HG + H2S04 | 1 |
| 1a 0513 060.rst | 9800.900 | 6071 | 060 | 05/15/98 | 08:00:07 PM | HG + H2S04 | 1 |
| 1a 0513 061.rst | 9800.900 | 6072 | 061 | 05/15/98 | 08:42:47 PM | HG + H2S04 | 1 |
| 1a 0513 062.rst | 9800.900 | 6073 | 062 | 05/15/98 | 09:25:26 PM | HG + H2S04 | 1 |
| 1a 0513 063.rst | 9800.900 | 6074 | 063 | 05/15/98 | 10:07:57 PM | HG + H2S04 | 1 |
| 1a 0513 064.rst | 9800.900 | 6075 | 064 | 05/15/98 | 10:50:33 PM | HG + H2S04 | 1 |
| 1a 0513 065.rst | | HEXANE | 065 | 05/15/98 | 11:33:14 PM | BAKER L20317 | 1 |
| 1a 0513 066.rst | CCV | 0.2UG/ML AR1660 | 066 | 05/16/98 | 12:15:56 AM | 445-184-7 | 1 |
| 1a 0513 067.rst | CCV | 0.2UG/ML AR1254 | 067 | 05/16/98 | 12:58:34 AM | 445-185-1 | 1 |
| 1a 0513 068.rst | 9800.900 | 6076 1X | 068 | 05/16/98 | 01:41:10 AM | HG + H2S04 | 1 |
| 1a 0513 069.rst | 9800.900 | 6077 1X | 069 | 05/16/98 | 02:23:50 AM | HG + H2S04 | 1 |
| 1a 0513 070.rst | 9800.900 | 6078 1X | 070 | 05/16/98 | 03:06:23 AM | HG + H2S04 | 1 |
| 1a 0513 071.rst | 9800.900 | 6079 1X | 071 | 05/16/98 | 03:49:00 AM | HG + H2S04 | 1 |
| 1a 0513 072.rst | 9800.900 | 6080 1X | 072 | 05/16/98 | 04:31:39 AM | HG + H2S04 | 1 |
| 1a 0513 073.rst | 9800.900 | 6081 1X | 073 | 05/16/98 | 05:14:15 AM | HG + H2S04 | 1 |
| 1a 0513 074.rst | 9800.900 | 6082 1X | 074 | 05/16/98 | 05:56:51 AM | HG + H2S04 | 1 |
| 1a 0513 075.rst | 9800.900 | 6083 1X | 075 | 05/16/98 | 06:39:31 AM | HG + H2S04 | 1 |
| 1a 0513 076.rst | 9800.900 | 6083 MS 1X | 076 | 05/16/98 | 07:22:12 AM | HG + H2S04 | 1 |
| 1a 0513 077.rst | 9800.900 | 6083 MSD 1X | 077 | 05/16/98 | 08:04:56 AM | HG + H2S04 | 1 |
| 1a 0513 078.rst | | HEXANE | 078 | 05/16/98 | 08:47:36 AM | BAKER L20317 | 1 |
| 1a 0513 079.rst | CCV | 0.2UG/ML AR1660 | 079 | 05/16/98 | 09:30:19 AM | 445-184-7 | 1 |
| 1a 0513 080.rst | CCV | 0.2UG/ML AR1254 | 080 | 05/16/98 | 10:13:02 AM | 445-185-1 | 1 |

Witnessed & Understood by me,

Date

5/19/98

Invented by

Date

Recorded by

age No. _____

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E. & E. Inc. ASC GC Lab Instrument Runlog

Notebook # 1219 Page # 54

Method: SW-846 8082 SOP GC.73

Inst.ID: HP68901A/HP68901B

Operator: B.L. Edwards Init: BS Date: 5/16/98

Oven Prog: 150C, 1 min, 5c/min => 280C, 11 min

Inj Temp: 200C Det Temp: 300C Detector A,B ECD,ECD

Column A: RTX-5 30M 0.53mm 1.0um film

Column B: RTX-35 30M 0.53mm 0.5um film

| File Name | Job Number | Sample Name | Samp Num. | Date of Injection | Time of Injection | COMMENTS | DCB DIL |
|-----------------|------------------|------------------|-----------|-------------------|-------------------|--------------|---------|
| 1a 0513 081.rst | 9800.900 | 6084 1X | 081 | 05/16/98 | 10:55:31 AM | HG + H2S04 | 1 |
| 1a 0513 082.rst | 9800.900 | 6085 1X | 082 | 05/16/98 | 11:38:07 AM | HG + H2S04 | 1 |
| 1a 0513 083.rst | 9800.900 | 6086 1X | 083 | 05/16/98 | 12:20:47 PM | HG + H2S04 | 1 |
| 1a 0513 084.rst | 9800.900 | 6087 1X | 084 | 05/16/98 | 01:03:27 PM | HG + H2S04 | 1 |
| 1a 0513 085.rst | 9800.901/902/916 | SBK1338-39-1 1X | 085 | 05/16/98 | 01:46:05 PM | HG + H2S04 | 1 |
| 1a 0513 086.rst | 9800.901/902/916 | SLCS1338-39-2 1X | 086 | 05/16/98 | 02:28:46 PM | HG + H2S04 | 1 |
| 1a 0513 087.rst | 9800.901 | 6088 1X | 087 | 05/16/98 | 03:11:26 PM | HG + H2S04 | 1 |
| 1a 0513 088.rst | 9800.901 | 6089 1X | 088 | 05/16/98 | 03:54:10 PM | HG + H2S04 | 1 |
| 1a 0513 089.rst | 9800.901 | 6090 1X | 089 | 05/16/98 | 04:36:50 PM | HG + H2S04 | 1 |
| 1a 0513 090.rst | 9800.901 | 6091 1X | 090 | 05/16/98 | 05:19:36 PM | HG + H2S04 | 1 |
| 1a 0513 091.rst | | HEXANE | 091 | 05/16/98 | 06:02:15 PM | BAKER L20317 | 1 |
| 1a 0513 092.rst | CCV | 0.2UG/ML AR1660 | 092 | 05/16/98 | 06:44:57 PM | 445-184-7 | 1 |
| 1a 0513 093.rst | CCV | 0.2UG/ML AR1254 | 093 | 05/16/98 | 07:27:37 PM | 445-185-1 | 1 |
| 1a 0513 094.rst | 9800.901 | 6092 1X | 094 | 05/16/98 | 08:10:22 PM | HG + H2S04 | 1 |
| 1a 0513 095.rst | 9800.901 | 6093 1X | 095 | 05/16/98 | 08:53:04 PM | HG + H2S04 | 1 |
| 1a 0513 096.rst | 9800.901 | 6094 1X | 096 | 05/16/98 | 09:35:42 PM | HG + H2S04 | 1 |
| 1a 0513 097.rst | 9800.916 | 6198 1X | 097 | 05/16/98 | 10:18:21 PM | HG + H2S04 | 1 |
| 1a 0513 098.rst | 9800.916 | 6199 1X | 098 | 05/16/98 | 11:00:57 PM | HG + H2S04 | 1 |
| 1a 0513 099.rst | 9800.916 | 6200 1X | 099 | 05/16/98 | 11:43:34 PM | HG + H2S04 | 1 |
| 1a 0513 100.rst | 9800.916 | 6201 1X | 100 | 05/17/98 | 12:26:15 AM | HG + H2S04 | 1 |
| 1a 0513 101.rst | 9800.916 | 6202 1X | 101 | 05/17/98 | 01:08:54 AM | HG + H2S04 | 1 |
| 1a 0513 102.rst | 9800.916 | 6203 1X | 102 | 05/17/98 | 01:51:29 AM | HG + H2S04 | 1 |
| 1a 0513 103.rst | 9800.916 | 6204 1X | 103 | 05/17/98 | 02:34:00 AM | HG + H2S04 | 1 |
| 1a 0513 104.rst | | HEXANE | 104 | 05/17/98 | 03:16:41 AM | BAKER L20317 | 1 |
| 1a 0513 105.rst | CCV | 0.2UG/ML AR1660 | 105 | 05/17/98 | 03:59:15 AM | 445-184-7 | 1 |
| 1a 0513 106.rst | CCV | 0.2UG/ML AR1254 | 106 | 05/17/98 | 04:41:50 AM | 445-185-1 | 1 |
| 1a 0513 107.rst | 9800.916 | 6205 1X | 107 | 05/17/98 | 05:24:29 AM | HG + H2S04 | 1 |
| 1a 0513 108.rst | 9800.916 | 6206 1X | 108 | 05/17/98 | 06:07:08 AM | HG + H2S04 | 1 |
| 1a 0513 109.rst | 9800.916 | 6207 1X | 109 | 05/17/98 | 06:49:45 AM | HG + H2S04 | 1 |
| 1a 0513 110.rst | 9800.916 | 6208 1X | 110 | 05/17/98 | 07:32:22 AM | HG + H2S04 | 1 |
| 1a 0513 111.rst | 9800.902 | 6096 1X | 111 | 05/17/98 | 08:15:01 AM | HG + H2S04 | 1 |
| 1a 0513 112.rst | 9800.902 | 6097 1X | 112 | 05/17/98 | 08:57:40 AM | HG + H2S04 | 1 |
| 1a 0513 113.rst | 9800.916 | 6198 MS 1X | 113 | 05/17/98 | 09:40:17 AM | HG + H2S04 | 1 |
| 1a 0513 114.rst | 9800.916 | 6198 MSD 1X | 114 | 05/17/98 | 10:22:57 AM | HG + H2S04 | 1 |
| 1a 0513 115.rst | | HEXANE | 115 | 05/17/98 | 11:05:38 AM | BAKER L20317 | 1 |
| 1a 0513 116.rst | CCV | 0.2UG/ML AR1660 | 116 | 05/17/98 | 11:48:17 AM | 445-184-7 | 1 |
| 1a 0513 117.rst | CCV | 0.2UG/ML AR1254 | 117 | 05/17/98 | 12:30:53 PM | 445-185-1 | 1 |
| 1a 0513 118.rst | 9800.787/972 | 1248-173-1 | 118 | 05/17/98 | 01:13:33 PM | HG + H2S04 | 1 |
| 1a 0513 119.rst | 9800.787/972 | 1248-173-2 | 119 | 05/17/98 | 01:56:12 PM | HG + H2S04 | 1 |
| 1a 0513 120.rst | 9800.787/972 | 1248-173-3 | 120 | 05/17/98 | 02:38:53 PM | HG + H2S04 | 1 |

to page No. _____

Witnessed & Understood by me,

Date

5/19/98

Invented by

Recorded by

Date

389

From Date No.

E. & E. Inc. ASC GC Lab Instrument Runlog

Notebook # 1219 Page # 55

Method: SW-846 8082 SOP GC.73

Inst.ID: HP68901A/HP68901B

Operator: *BL* Init: *BSJ* Date: *5/17/98*

Oven Prog: 150C, 1 min, 5c/min => 280C, 11 min

Inj Temp: 200C Det Temp: 300C Detector A,B ECD,ECD

Column A: RTX-5 30M 0.53mm 1.0um film

Column B: RTX-35 30M 0.53mm 0.5um film

| File Name | Job Number | Sample Name | Samp Num. | Date of Injection | Time of Injection | COMMENTS | DCB DIL |
|-----------------|--------------|-----------------|-----------|-------------------|-------------------|----------------------|---------|
| 1a 0513 121.rst | 9800.787 | 5232 | 121 | 05/17/98 | 03:21:37 PM | HG + H2S04 | 1 |
| 1a 0513 122.rst | 9800.972 | 6617 | 122 | 05/17/98 | 04:04:17 PM | HG + H2S04 | 1 |
| 1a 0513 123.rst | 9800.972 | 6618 | 123 | 05/17/98 | 04:46:58 PM | HG + H2S04 | 1 |
| 1a 0513 124.rst | 9800.787 | 1338-55-1 | 124 | 05/17/98 | 05:29:33 PM | HG + H2S04 | 1 |
| 1a 0513 125.rst | 9800.787 | 1338-55-2 | 125 | 05/17/98 | 06:12:12 PM | HG + H2S04 | 1 |
| 1a 0513 126.rst | 9800.787 | 5244 | 126 | 05/17/98 | 06:54:53 PM | HG + H2S04 | 1 |
| 1a 0513 127.rst | 9800.787 | 5244MS | 127 | 05/17/98 | 07:37:29 PM | HG + H2S04 | 1 |
| 1a 0513 128.rst | 9800.787 | HEXANE | 128 | 05/18/98 | 06:26:25 AM | BAKER L20317 | 1 |
| 1a 0513 129.rst | CCV | 0.2UG/ML AR1660 | 129 | 05/18/98 | 07:09:04 AM | 445-184-7 | 1 |
| 1a 0513 130.rst | CCV | 0.2UG/ML AR1254 | 130 | 05/18/98 | 07:51:39 AM | 445-185-1 | 1 |
| 1a 0513 131.rst | 9800.972/787 | 1248-173-1 | 131 | 05/18/98 | 09:38:24 AM | HG + H2S04 | 1 |
| 1a 0513 132.rst | 9800.972/787 | 1248-173-2 | 132 | 05/18/98 | 10:21:00 AM | HG + H2S04 | 1 |
| 1a 0513 133.rst | 9800.972/787 | 1248-173-3 | 133 | 05/18/98 | 11:03:44 AM | HG + H2S04 | 1 |
| 1a 0513 134.rst | 9800.787 | 5232 | 134 | 05/18/98 | 11:46:20 AM | HG + H2S04 | 1 |
| 1a 0513 135.rst | 9800.972 | 6617 | 135 | 05/18/98 | 12:28:56 PM | HG + H2S04 | 1 |
| 1a 0513 136.rst | 9800.972 | 6618 | 136 | 05/18/98 | 01:11:34 PM | HG + H2S04 | 1 |
| 1a 0513 137.rst | 9800.787 | 1338-55-1 | 137 | 05/18/98 | 01:54:07 PM | HG + H2S04 | 1 |
| 1a 0513 138.rst | 9800.787 | 1338-55-2 | 138 | 05/18/98 | 02:36:51 PM | HG + H2S04 | 1 |
| 1a 0513 139.rst | 9800.787 | 5244 | 139 | 05/18/98 | 03:19:28 PM | HG + H2S04 | 1 |
| 1a 0513 140.rst | 9800.787 | 5244MS | 140 | 05/18/98 | 04:02:09 PM | HG + H2S04 | 1 |
| 1a 0513 141.rst | 9800.787 | 5244MSD | 141 | 05/18/98 | 04:44:48 PM | HG + H2S04 | 1 |
| 1a 0513 142.rst | / | HEXANE | 142 | 05/18/98 | 05:27:27 PM | BAKER L20317 | 1 |
| 1a 0513 143.rst | CCV | 0.2UG/ML AR1660 | 143 | 05/18/98 | 06:09:13 PM | 445-184-7 | 1 |
| 1a 0513 144.rst | CCV | 0.2UG/ML AR1254 | 144 | 05/18/98 | 06:53:07 PM | 445-185-1 | 1 |
| 1a 0513 145.rst | 9800.787/902 | OBLK 855-128-1 | 145 | 05/18/98 | 07:35:44 PM | HG + H2S04 | 1 |
| 1a 0513 146.rst | 9800.787/902 | OLCS 855-128-2 | 146 | 05/18/98 | 08:18:21 PM | HG + H2S04 | 1 |
| 1a 0513 147.rst | 9800.787/902 | OLCS 855-128-3 | 147 | 05/18/98 | 09:00:56 PM | HG + H2S04 | 1 |
| 1a 0513 148.rst | 9800.787 | 5238 | 148 | 05/18/98 | 09:43:27 PM | HG + H2S04 | 1 |
| 1a 0513 149.rst | 9800.787 | 5239 | 149 | 05/18/98 | 10:26:02 PM | HG + H2S04 | 1 |
| 1a 0513 150.rst | 9800.787 | 5240 | 150 | 05/18/98 | 11:08:40 PM | HG + H2S04 | 1 |
| 1a 0513 151.rst | 9800.902 | 6098 | 151 | 05/18/98 | 11:51:13 PM | HG + H2S04 | 1 |
| 1a 0513 152.rst | CCV | 0.2UG/ML AR1242 | 152 | 05/19/98 | 12:33:48 AM | 445-181-3 | 1 |
| 1a 0513 153.rst | CCV | 0.2UG/ML AR1660 | 153 | 05/19/98 | 01:16:27 AM | 445-184-7 | 1 |
| 1a 0513 154.rst | CCV | 0.2UG/ML AR1254 | 154 | 05/19/98 | 01:59:00 AM | 445-185-1 | 1 |
| 1a 0513 155.rst | 9801.003 | 1338-61-1 | 155 | 05/19/98 | 02:41:37 AM | HG + H2S04+100UL/1ML | 1 |
| 1a 0513 156.rst | 9801.003 | 1338-61-2 | 156 | 05/19/98 | 03:24:14 AM | HG + H2S04+100UL/1ML | 1 |
| 1a 0513 157.rst | 9801.003 | 1338-61-3 | 157 | 05/19/98 | 04:06:45 AM | HG + H2S04+100UL/1ML | 1 |
| 1a 0513 158.rst | 9801.003 | 6863 10X | 158 | 05/19/98 | 04:49:16 AM | HG + H2S04+100UL/1ML | 10 |
| 1a 0513 159.rst | / | HEXANE | 159 | 05/19/98 | 05:31:48 AM | BAKER L20317 | 1 |
| 1a 0513 160.rst | CCV | 0.2UG/ML AR1242 | 160 | 05/19/98 | 06:14:25 AM | 445-181-3 | 1 |

e No. _____

Witnessed & Understood by me,

[Signature]

Date

5/19/98

Invented by

[Signature]

Date

Recorded by

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E. & E. Inc. ASC GC Lab Instrument Runlog

Notebook # 1219 Page # 36

Method: SW-846 8082 SOP GC.73

Inst.ID: HP68901A/HP68901B

Operator: *D.L. Giguere* Init: *BSJ* Date: *5/19/98*

Oven Prog: 150C, 1 min, 5c/min => 280C, 11 min

Ini Temp: 200C Det Temp: 300C Detector A,B ECD,ECD

Column A: RTX-5 30M 0.53mm 1.0um film

Column B: RTX-35 30M 0.53mm 0.5um film

| File Name | Job Number | Sample Name | Samp Num. | Date of Injection | Time of Injection | COMMENTS | DCB DIL |
|-----------------|------------|-----------------|-----------|-------------------|-------------------|----------------------|---------|
| 1a 0513 161.rst | CCV | 0.2UG/ML AR1660 | 161 | 05/19/98 | 06:57:04 AM | 445-184-7 | 1 |
| 1a 0513 162.rst | CCV | 0.2UG/ML AR1254 | 162 | 05/19/98 | 07:54:59 AM | 445-185-1 | 1 |
| 1a 0513 163.rst | 9800.003 | 6863 50X | 163 | 05/19/98 | 09:16:31 AM | HG&H2S04&200UL/1ML | 50 |
| 1a 0513 164.rst | 9800.787 | 5238 10X | 164 | 05/19/98 | 09:59:07 AM | HG&H2S04&100UL/1ML | 10 |
| 1a 0513 165.rst | | 0.2UG/ML AR1242 | 165 | 05/19/98 | 10:41:44 AM | 445-181-3 | 1 |
| 1a 0513 166.rst | | 0.2UG/ML AR1660 | 166 | 05/19/98 | 11:24:21 AM | 445-184-7 | 1 |
| 1a 0513 167.rst | | 0.2UG/ML AR1254 | 167 | 05/19/98 | 12:13:16 PM | 445-185-1 | 1 |
| 1a 0513 168.rst | 9800.900 | 6074 10X | 168 | 05/19/98 | 01:28:08 PM | HG&H2S04&100UL/1ML | 10 |
| 1a 0513 169.rst | 9800.900 | 6075 10X | 169 | 05/19/98 | 02:10:50 PM | HG&H2S04&100UL/1ML | 10 |
| 1a 0513 170.rst | 9800.900 | 6076 5X | 170 | 05/19/98 | 02:53:25 PM | HG&H2S04&200UL/1ML | 5 |
| 1a 0513 171.rst | 9800.900 | 6080 2X | 171 | 05/19/98 | 03:36:06 PM | HG&H2S04&400UL/800UL | 2 |
| 1a 0513 172.rst | 9800.900 | 6081 2X | 172 | 05/19/98 | 04:18:45 PM | HG&H2S04&400UL/800UL | 2 |
| 1a 0513 173.rst | 9800.900 | 6083 4X | 173 | 05/19/98 | 05:01:24 PM | HG&H2S04&200UL/800UL | 4 |
| 1a 0513 174.rst | 9800.900 | 6083 MS 4X | 174 | 05/19/98 | 05:44:01 PM | HG&H2S04&200UL/800UL | 4 |
| 1a 0513 175.rst | 9800.900 | 6083 MSD 4X | 175 | 05/19/98 | 06:43:54 PM | HG&H2S04&200UL/800UL | 4 |
| 1a 0513 176.rst | 9800.900 | 6084 2X | 176 | 05/19/98 | 07:26:34 PM | HG&H2S04&400UL/800UL | 2 |
| 1a 0513 177.rst | 9800.900 | 6085 5X | 177 | 05/19/98 | 08:09:14 PM | HG&H2S04&100UL/1ML | 5 |
| 1a 0513 178.rst | | HEXANE | 178 | 05/19/98 | 08:51:54 PM | BAKER L20317 | 1 |
| 1a 0513 179.rst | CCV | 0.2UG/ML AR1660 | 179 | 05/19/98 | 09:34:25 PM | 445-184-7 | 1 |
| 1a 0513 180.rst | CCV | 0.2UG/ML AR1254 | 180 | 05/19/98 | 10:17:04 PM | 445-185-1 | 1 |
| 1a 0513 181.rst | 9800.915 | SBLK 1338-41-1 | 181 | 05/19/98 | 10:59:41 PM | HG + H2S04 | 1 |
| 1a 0513 182.rst | 9800.915 | SLCS 1338-41-2 | 182 | 05/19/98 | 11:42:21 PM | HG + H2S04 | 1 |
| 1a 0513 183.rst | 9800.915 | 6178 | 183 | 05/20/98 | 12:24:57 AM | HG + H2S04 | 1 |
| 1a 0513 184.rst | 9800.915 | 6179 | 184 | 05/20/98 | 01:06:47 AM | HG + H2S04 | 1 |
| 1a 0513 185.rst | 9800.915 | 6179 MS | 185 | 05/20/98 | 01:50:43 AM | HG + H2S04 | 1 |
| 1a 0513 186.rst | 9800.915 | 6179 MSD | 186 | 05/20/98 | 02:33:16 AM | HG + H2S04 | 1 |
| 1a 0513 187.rst | 9800.915 | 6180 | 187 | 05/20/98 | 03:15:52 AM | HG + H2S04 | 1 |
| 1a 0513 188.rst | 9800.915 | 6181 | 188 | 05/20/98 | 03:58:32 AM | HG + H2S04 | 1 |
| 1a 0513 189.rst | 9800.915 | 6182 | 189 | 05/20/98 | 04:41:08 AM | HG + H2S04 | 1 |
| 1a 0513 190.rst | 9800.915 | 6183 | 190 | 05/20/98 | 05:23:46 AM | HG + H2S04 | 1 |
| 1a 0513 191.rst | | HEXANE | 191 | 05/20/98 | 06:06:24 AM | BAKER L20317 | 1 |
| 1a 0513 192.rst | CCV | 0.2UG/ML AR1254 | 192 | 05/20/98 | 06:49:37 AM | 445-185-1 | 1 |
| 1a 0513 193.rst | CCV | 0.2UG/ML AR1660 | 193 | 05/20/98 | 07:32:16 AM | 445-184-7 | 1 |
| 1a 0513 194.rst | 9800.915 | 6184 | 194 | 05/20/98 | 08:14:53 AM | HG + H2S04 | 1 |
| 1a 0513 195.rst | 9800.915 | 6185 | 195 | 05/20/98 | 08:57:35 AM | HG + H2S04 | 1 |

To Page No. _____

Witnessed & Understood by me,

Denise L. Giguere

Date

5/19/98

Invented by

Recorded by

Date

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From Page No. _____

E. & E. Inc. ASC GC Lab Instrument Runlog

Notebook # 1219 Page # 57

Method: SW-846 8082 SOP GC.73

Inst.ID: HP68901A/HP68901B

Operator: B.L.Thomas Date: 5/20/98

Oven Prog: 150C, 1 min, 5c/min => 280C, 11 min

Inj Temp: 200C Det Temp: 300C Detector A,B ECD,ECD

Column A: RTX-5 30M 0.53mm 1.0um film

Column B: RTX-35 30M 0.53mm 0.5um film

| File Name | Job Number | Sample Name | Samp Num. | Date of Injection | Time of Injection | COMMENTS | DCB DIL |
|-----------------|-------------|-----------------|-----------|-------------------|-------------------|-----------------------|---------|
| 1a 0513 196.rst | 9800.915 | 6186 | 196 | 05/20/98 | 09:40:13 AM | HG + H2S04 | 1 |
| 1a 0513 197.rst | 9800.915 | 6187 | 197 | 05/20/98 | 10:22:54 AM | HG + H2S04 | 1 |
| 1a 0513 198.rst | 9800.915 | 6188 | 198 | 05/20/98 | 11:05:33 AM | HG + H2S04 | 1 |
| 1a 0513 199.rst | 9800.915 | 6189 | 199 | 05/20/98 | 11:48:17 AM | HG + H2S04 | 1 |
| 1a 0513 200.rst | 9800.915 | 6190 | 200 | 05/20/98 | 12:30:58 PM | HG + H2S04 | 1 |
| 1a 0513 201.rst | 9800.915 | 6191 | 201 | 05/20/98 | 01:48:55 PM | HG + H2S04 | 1 |
| 1a 0513 202.rst | 9800.915 | 6192 | 202 | 05/20/98 | 02:31:30 PM | HG + H2S04 | 1 |
| 1a 0513 203.rst | 9800.915 | 6193 | 203 | 05/20/98 | 03:14:06 PM | HG + H2S04 | 1 |
| 1a 0513 204.rst | | HEXANE | 204 | 05/20/98 | 03:56:34 PM | BAKER L20317 | 1 |
| 1a 0513 205.rst | CCV | 0.2UG/ML AR1254 | 205 | 05/20/98 | 04:39:18 PM | 445-185-1 | 1 |
| 1a 0513 206.rst | CCV | 0.2UG/ML AR1660 | 206 | 05/20/98 | 05:22:03 PM | 445-184-7 | 1 |
| 1a 0513 207.rst | 9800.915 | 6194 | 207 | 05/20/98 | 06:04:45 PM | HG + H2S04 | 1 |
| 1a 0513 208.rst | 9800.915 | 6195 | 208 | 05/20/98 | 06:47:13 PM | HG + H2S04 | 1 |
| 1a 0513 209.rst | 9800.915 | 6196 | 209 | 05/20/98 | 07:29:46 PM | HG + H2S04 | 1 |
| 1a 0513 210.rst | 9800.915 | 6197 | 210 | 05/20/98 | 08:12:27 PM | HG + H2S04 | 1 |
| 1a 0513 211.rst | 9800.915 | 6179 4X | 211 | 05/20/98 | 08:55:01 PM | HG + H2S04&200UL/800U | 4 |
| 1a 0513 212.rst | 9800.915 | 6179 MS 4X | 212 | 05/20/98 | 09:37:35 PM | HG + H2S04&200UL/800U | 4 |
| 1a 0513 213.rst | 9800.915 | 6179 MSD 4X | 213 | 05/20/98 | 10:20:13 PM | HG + H2S04&200UL/800U | 4 |
| 1a 0513 214.rst | 9800.898 | 6044 10X | 214 | 05/20/98 | 11:02:53 PM | HG + H2S04&100UL/1ML | 10 |
| 1a 0513 215.rst | 901/902/916 | 1338-39-2 1X | 215 | 05/20/98 | 11:45:30 PM | HG + H2S04 | 1 |
| 1a 0513 216.rst | | HEXANE | 216 | 05/21/98 | 12:28:06 AM | BAKER L20317 | 1 |
| 1a 0513 217.rst | CCV | 0.2UG/ML AR1254 | 217 | 05/21/98 | 01:10:37 AM | 445-185-1 | 1 |
| 1a 0513 218.rst | CCV | 0.2UG/ML AR1660 | 218 | 05/21/98 | 01:53:09 AM | 445-184-7 | 1 |
| 1a 0513 219.rst | 9800.876 | WBK1248-149-3 | 219 | 05/21/98 | 02:35:45 AM | HG&H2S04 | 1 |
| 1a 0513 220.rst | 9800.876 | WLCS1248-149-2 | 220 | 05/21/98 | 03:18:17 AM | HG&H2S04 | 1 |
| 1a 0513 221.rst | 9800.876 | WLCS1248-149-1 | 221 | 05/21/98 | 04:00:49 AM | HG&H2S04 | 1 |
| 1a 0513 222.rst | 9800.876 | 5877 20X | 222 | 05/21/98 | 04:43:29 AM | HG&H2S04&50UL/1ML | 20 |
| 1a 0513 223.rst | 9800.876 | 5877 1X | 223 | 05/21/98 | 05:26:09 AM | HG&H2S04 | 1 |
| 1a 0513 224.rst | 9800.876 | SBK1338-7-1 | 224 | 05/21/98 | 06:08:48 AM | HG&H2S04 | 1 |
| 1a 0513 225.rst | 9800.876 | SLCS1338-7-2 | 225 | 05/21/98 | 06:51:25 AM | HG&H2S04 | 1 |
| 1a 0513 226.rst | 9800.876 | 5874 50X | 226 | 05/21/98 | 07:34:03 AM | HG&H2S04&20UL/1ML | 50 |
| 1a 0513 227.rst | 9800.876 | 5875 1X | 227 | 05/21/98 | 08:16:33 AM | HG&H2S04 | 1 |
| 1a 0513 228.rst | 9800.876 | 5876 5X | 228 | 05/21/98 | 08:59:09 AM | HG&H2S04&200UL/1ML | 5 |
| 1a 0513 229.rst | 9800.876 | 5876 MS 5X | 229 | 05/21/98 | 09:41:37 AM | HG&H2S04&200UL/1ML | 5 |
| 1a 0513 230.rst | 9800.876 | 5876 MSD 5X | 230 | 05/21/98 | 10:24:08 AM | HG&H2S04&200UL/1ML | 5 |
| 1a 0513 231.rst | | HEXANE | 231 | 05/21/98 | 11:06:38 AM | BAKER L20317 | 1 |
| 1a 0513 232.rst | CCV | 0.2UG/ML AR1254 | 232 | 05/21/98 | 11:49:09 AM | 445-185-1 | 1 |
| 1a 0513 233.rst | CCV | 0.2UG/ML AR1660 | 233 | 05/21/98 | 12:31:26 PM | 445-184-7 | 1 |

Witnessed & Understood by me,

Date

Invented by

Date

ge No. _____

Recorded by

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